

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077470.D
 Acq On : 25 Apr 2023 15:17
 Operator : JC\MD
 Sample : VN0425WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 04:18:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.225	168	648842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1171122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1041124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	428135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	444307	52.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.960%			
35) Dibromofluoromethane	8.172	113	374266	53.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.340%			
50) Toluene-d8	10.572	98	1501148	55.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.280%			
62) 4-Bromofluorobenzene	12.854	95	498208	56.446	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	165565	20.175	ug/l	99
3) Chloromethane	2.372	50	126053	19.381	ug/l	99
4) Vinyl Chloride	2.525	62	175004	20.198	ug/l	98
5) Bromomethane	2.960	94	150676	20.076	ug/l	96
6) Chloroethane	3.125	64	126848	19.270	ug/l	94
7) Trichlorofluoromethane	3.501	101	259944	20.412	ug/l	99
8) Diethyl Ether	3.972	74	89326	19.303	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	148513	20.053	ug/l	100
10) Methyl Iodide	4.595	142	177758	19.536	ug/l #	95
11) Tert butyl alcohol	5.537	59	126331	92.946	ug/l	99
12) 1,1-Dichloroethene	4.354	96	138726	19.159	ug/l	99
13) Acrolein	4.184	56	114040	84.342	ug/l	95
14) Allyl chloride	5.031	41	168755	20.962	ug/l	97
15) Acrylonitrile	5.731	53	302453	98.091	ug/l	99
16) Acetone	4.437	43	280899	104.285	ug/l	100
17) Carbon Disulfide	4.719	76	348362	18.933	ug/l	98
18) Methyl Acetate	5.037	43	205343	19.741	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	490865	20.384	ug/l	96
20) Methylene Chloride	5.289	84	161306	18.884	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	153346	19.585	ug/l	97
22) Diisopropyl ether	6.678	45	372078	20.138	ug/l	97
23) Vinyl Acetate	6.613	43	1138803	98.695	ug/l	97
24) 1,1-Dichloroethane	6.578	63	261660	20.007	ug/l	99
25) 2-Butanone	7.489	43	391004	102.346	ug/l	93
26) 2,2-Dichloropropane	7.501	77	263071	20.745	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	186087	20.068	ug/l	99
28) Bromochloromethane	7.813	49	95224	19.066	ug/l	95
29) Tetrahydrofuran	7.842	42	235524	98.394	ug/l	99
30) Chloroform	7.972	83	303121	20.566	ug/l	90
31) Cyclohexane	8.260	56	227140	18.938	ug/l	92
32) 1,1,1-Trichloroethane	8.172	97	277001	20.442	ug/l	97
36) 1,1-Dichloropropene	8.378	75	219620	21.596	ug/l	99
37) Ethyl Acetate	7.566	43	151160	19.561	ug/l	99
38) Carbon Tetrachloride	8.366	117	240349	21.421	ug/l	94
39) Methylcyclohexane	9.607	83	289607	21.615	ug/l	99
40) Benzene	8.607	78	656347	21.187	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077470.D
 Acq On : 25 Apr 2023 15:17
 Operator : JC\MD
 Sample : VN0425WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 04:18:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	82192	20.422	ug/l	98
42) 1,2-Dichloroethane	8.678	62	221051	20.775	ug/l	98
43) Isopropyl Acetate	8.695	43	285197	21.333	ug/l	99
44) Trichloroethene	9.354	130	173017	21.813	ug/l	96
45) 1,2-Dichloropropane	9.624	63	149832	20.647	ug/l	98
46) Dibromomethane	9.713	93	118357	20.100	ug/l	97
47) Bromodichloromethane	9.889	83	239956	21.068	ug/l	100
48) Methyl methacrylate	9.683	41	121155	19.910	ug/l	95
49) 1,4-Dioxane	9.701	88	60793	398.282	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	806066	102.798	ug/l	99
52) Toluene	10.630	92	443061	21.831	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	249230	21.610	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	269715	21.485	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	173031	21.202	ug/l	97
56) Ethyl methacrylate	10.877	69	243952	21.333	ug/l	96
57) 1,3-Dichloropropane	11.166	76	283434	21.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	316958	81.946	ug/l	98
59) 2-Hexanone	11.195	43	598171	104.947	ug/l	98
60) Dibromochloromethane	11.360	129	178605	21.087	ug/l	98
61) 1,2-Dibromoethane	11.471	107	176070	21.132	ug/l	96
64) Tetrachloroethene	11.107	164	133718	21.456	ug/l	92
65) Chlorobenzene	11.895	112	457828	20.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	171576	21.406	ug/l	99
67) Ethyl Benzene	11.966	91	843427	21.747	ug/l	98
68) m/p-Xylenes	12.071	106	657498	43.620	ug/l	99
69) o-Xylene	12.401	106	326654	22.032	ug/l	100
70) Styrene	12.413	104	506995	21.866	ug/l	100
71) Bromoform	12.577	173	113369	21.619	ug/l #	96
73) Isopropylbenzene	12.695	105	840006	21.143	ug/l	100
74) N-amyl acetate	12.495	43	226001	19.214	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	248317	19.892	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	177991m	17.878	ug/l	
77) Bromobenzene	12.983	156	175368	20.254	ug/l	98
78) n-propylbenzene	13.036	91	945766	21.530	ug/l	99
79) 2-Chlorotoluene	13.130	91	568167	20.978	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	663093	22.475	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	80763	22.918	ug/l	96
82) 4-Chlorotoluene	13.224	91	542810	21.448	ug/l	99
83) tert-Butylbenzene	13.442	119	596703	20.826	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	613254	22.256	ug/l	96
85) sec-Butylbenzene	13.618	105	849733	21.606	ug/l	100
86) p-Isopropyltoluene	13.730	119	661558	21.863	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	316932	20.582	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	313637	20.628	ug/l	98
89) n-Butylbenzene	14.060	91	519134	22.169	ug/l	98
90) Hexachloroethane	14.336	117	132287	19.789	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	319548	20.923	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	45589	19.749	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	81732	21.750	ug/l	99
94) Hexachlorobutadiene	15.465	225	66229	21.459	ug/l	99
95) Naphthalene	15.589	128	290520	21.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	75996	21.608	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
Data File : VN077470.D
Acq On : 25 Apr 2023 15:17
Operator : JC\MD
Sample : VN0425WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 04:18:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 04:18:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

