

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077437.D
 Acq On : 24 Apr 2023 13:39
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Apr 25 02:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	665461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1234544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1138286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	504018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	613254	70.662	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 141.320%#			
35) Dibromofluoromethane	8.172	113	532948	72.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 144.040%#			
50) Toluene-d8	10.572	98	2111402	74.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 149.240%#			
62) 4-Bromofluorobenzene	12.848	95	743265	80.135	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 160.280%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	643476	75.590	ug/l	98
3) Chloromethane	2.372	50	477361	71.562	ug/l	99
4) Vinyl Chloride	2.525	62	660769	74.359	ug/l	96
5) Bromomethane	2.937	94	546295	64.936	ug/l	99
6) Chloroethane	3.119	64	466260	69.064	ug/l	98
7) Trichlorofluoromethane	3.502	101	978270	74.901	ug/l	99
8) Diethyl Ether	3.966	74	350367	73.822	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	555911	73.186	ug/l	99
10) Methyl Iodide	4.601	142	729750	78.822	ug/l	94
11) Tert butyl alcohol	5.531	59	489982	382.259	ug/l #	86
12) 1,1-Dichloroethene	4.349	96	539664	72.284	ug/l	99
13) Acrolein	4.184	56	493136	358.960	ug/l	99
14) Allyl chloride	5.025	41	591752	71.671	ug/l	91
15) Acrylonitrile	5.725	53	1183117	374.122	ug/l	99
16) Acetone	4.437	43	933778	338.010	ug/l	98
17) Carbon Disulfide	4.719	76	1396396	73.999	ug/l	99
18) Methyl Acetate	5.031	43	773198	72.477	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	1878557	76.063	ug/l	99
20) Methylene Chloride	5.284	84	621087	70.893	ug/l	97
21) trans-1,2-Dichloroethene	5.790	96	592102	73.733	ug/l	95
22) Diisopropyl ether	6.678	45	1414624	74.653	ug/l	98
23) Vinyl Acetate	6.613	43	4405428	372.262	ug/l	100
24) 1,1-Dichloroethane	6.578	63	993559	74.072	ug/l	99
25) 2-Butanone	7.489	43	1392175	355.304	ug/l	100
26) 2,2-Dichloropropane	7.495	77	965025	74.198	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	701421	73.752	ug/l	100
28) Bromochloromethane	7.819	49	358875	70.062	ug/l	98
29) Tetrahydrofuran	7.842	42	903069	367.850	ug/l	99
30) Chloroform	7.966	83	1130072	74.757	ug/l	97
31) Cyclohexane	8.260	56	856375	59.089	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	1062545	76.454	ug/l	99
36) 1,1-Dichloropropene	8.378	75	831524	77.568	ug/l	99
37) Ethyl Acetate	7.566	43	594105	72.932	ug/l	99
38) Carbon Tetrachloride	8.366	117	919600	77.750	ug/l	98
39) Methylcyclohexane	9.601	83	1107031	78.381	ug/l	100
40) Benzene	8.613	78	2478856	75.905	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077437.D
 Acq On : 24 Apr 2023 13:39
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Apr 25 02:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	304711	71.820	ug/l	94
42) 1,2-Dichloroethane	8.678	62	834353	74.385	ug/l	100
43) Isopropyl Acetate	8.689	43	1059153	75.157	ug/l	99
44) Trichloroethene	9.354	130	659984	78.931	ug/l	99
45) 1,2-Dichloropropane	9.625	63	579816	75.795	ug/l	96
46) Dibromomethane	9.713	93	456786	73.590	ug/l	98
47) Bromodichloromethane	9.889	83	929063	77.379	ug/l	100
48) Methyl methacrylate	9.683	41	473370	73.793	ug/l	100
49) 1,4-Dioxane	9.695	88	229563	1426.707	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	3056891	369.820	ug/l	100
52) Toluene	10.630	92	1667763	77.955	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	1002534	82.460	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	1059044	80.027	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	650466	75.609	ug/l	99
56) Ethyl methacrylate	10.878	69	957987	79.469	ug/l	98
57) 1,3-Dichloropropane	11.166	76	1061431	77.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1752711	429.864	ug/l	99
59) 2-Hexanone	11.195	43	2230428	371.219	ug/l	99
60) Dibromochloromethane	11.360	129	719498	80.585	ug/l	99
61) 1,2-Dibromoethane	11.472	107	674246	76.766	ug/l	98
64) Tetrachloroethene	11.107	164	507488	74.478	ug/l	96
65) Chlorobenzene	11.895	112	1786049	74.150	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	642066	73.266	ug/l	98
67) Ethyl Benzene	11.966	91	3240796	76.430	ug/l	99
68) m/p-Xylenes	12.072	106	2549265	154.689	ug/l	100
69) o-Xylene	12.401	106	1265176	78.050	ug/l	100
70) Styrene	12.413	104	2061772	81.332	ug/l	99
71) Bromoform	12.577	173	459452	80.136	ug/l #	99
73) Isopropylbenzene	12.695	105	3301764	70.595	ug/l	99
74) N-amyl acetate	12.495	43	960417	69.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	941477	64.065	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	794233m	66.318	ug/l	
77) Bromobenzene	12.983	156	685806	67.280	ug/l	100
78) n-propylbenzene	13.036	91	3811687	73.707	ug/l	100
79) 2-Chlorotoluene	13.124	91	2250014	70.567	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	2793582	80.429	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	309820	76.792	ug/l	99
82) 4-Chlorotoluene	13.224	91	2160331	72.509	ug/l	98
83) tert-Butylbenzene	13.442	119	2358646	69.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	2726385	84.049	ug/l	99
85) sec-Butylbenzene	13.618	105	3461737	74.770	ug/l	100
86) p-Isopropyltoluene	13.730	119	2815338	79.033	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	1318170	72.715	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	1305686	73.006	ug/l	100
89) n-Butylbenzene	14.060	91	2469895	89.594	ug/l	100
90) Hexachloroethane	14.336	117	563527	71.605	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	1286458	71.550	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	184784	67.997	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	517019	74.743	ug/l	97
94) Hexachlorobutadiene	15.465	225	267695	73.678	ug/l	98
95) Naphthalene	15.583	128	1991404	74.762	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	484862	74.750	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
Data File : VN077437.D
Acq On : 24 Apr 2023 13:39
Operator : JC\MD
Sample : VSTDICC075
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 02:04:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 01:54:53 2023
Response via : Initial Calibration

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

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

