

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070456.D
 Acq On : 4 Jan 2022 11:55
 Operator : JC/MD
 Sample : VN0104WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:13:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	975338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1569902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1417116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	576132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	709717	50.609	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.220%			
35) Dibromofluoromethane	8.019	113	517727	54.505	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.020%			
50) Toluene-d8	10.438	98	2054752	52.953	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.900%			
62) 4-Bromofluorobenzene	12.728	95	730234	52.104	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	208283	18.831	ug/l	99
3) Chloromethane	2.303	50	276923	18.405	ug/l	100
4) Vinyl Chloride	2.451	62	257488	18.796	ug/l	99
5) Bromomethane	2.866	94	146117	20.666	ug/l	99
6) Chloroethane	3.027	64	157012	19.032	ug/l	98
7) Trichlorofluoromethane	3.381	101	312280	18.939	ug/l	99
8) Diethyl Ether	3.824	74	143652	19.763	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	203117	20.141	ug/l	96
10) Methyl Iodide	4.425	142	252798	18.523	ug/l	100
11) Tert butyl alcohol	5.371	59	195238	83.614	ug/l #	86
12) 1,1-Dichloroethene	4.186	96	190447	19.172	ug/l	93
13) Acrolein	4.044	56	118288	62.435	ug/l	98
14) Allyl chloride	4.840	41	435120	19.320	ug/l	88
15) Acrylonitrile	5.551	53	692584	95.052	ug/l	99
16) Acetone	4.285	43	859806	94.449	ug/l	98
17) Carbon Disulfide	4.532	76	475870	17.550	ug/l	99
18) Methyl Acetate	4.854	43	493049	18.723	ug/l #	90
19) Methyl tert-butyl Ether	5.615	73	734369	19.907	ug/l	96
20) Methylene Chloride	5.095	84	239162	18.988	ug/l #	86
21) trans-1,2-Dichloroethene	5.599	96	200699	19.082	ug/l	88
22) Diisopropyl ether	6.495	45	902945	20.584	ug/l #	92
23) Vinyl Acetate	6.433	43	3338628	98.096	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	448454	19.717	ug/l	99
25) 2-Butanone	7.335	43	1075420	93.822	ug/l	91
26) 2,2-Dichloropropane	7.324	77	326415	18.192	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	249850	19.909	ug/l	87
28) Bromochloromethane	7.656	49	200084	17.987	ug/l #	76
29) Tetrahydrofuran	7.683	42	650161	95.069	ug/l	88
30) Chloroform	7.817	83	430419	19.616	ug/l	99
31) Cyclohexane	8.091	56	440304	19.897	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	351137	18.979	ug/l	96
36) 1,1-Dichloropropene	8.220	75	315756	20.095	ug/l	96
37) Ethyl Acetate	7.410	43	394496	19.369	ug/l	96
38) Carbon Tetrachloride	8.206	117	282838	18.850	ug/l	99
39) Methylcyclohexane	9.459	83	386384	20.311	ug/l	89
40) Benzene	8.458	78	980379	20.351	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070456.D
 Acq On : 4 Jan 2022 11:55
 Operator : JC/MD
 Sample : VN0104WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:13:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	209952	20.609	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	358886	19.820	ug/l	98
43) Isopropyl Acetate	8.558	43	631426	19.663	ug/l #	95
44) Trichloroethene	9.215	130	224630	19.624	ug/l	92
45) 1,2-Dichloropropane	9.488	63	264977	20.429	ug/l	98
46) Dibromomethane	9.574	93	161157	19.981	ug/l	93
47) Bromodichloromethane	9.759	83	318394	19.881	ug/l	98
48) Methyl methacrylate	9.558	41	286695	18.717	ug/l #	82
49) 1,4-Dioxane	9.566	88	85021	379.190	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	1986475	98.447	ug/l	96
52) Toluene	10.502	92	594026	20.372	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	328328	18.938	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	374087	19.946	ug/l	94
55) 1,1,2-Trichloroethane	10.896	97	230173	19.951	ug/l	98
56) Ethyl methacrylate	10.757	69	368700	19.341	ug/l #	89
57) 1,3-Dichloropropane	11.041	76	416368	20.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	295207	74.650	ug/l	91
59) 2-Hexanone	11.084	43	1416201	96.243	ug/l	95
60) Dibromochloromethane	11.234	129	218924	19.449	ug/l	100
61) 1,2-Dibromoethane	11.344	107	224594	19.172	ug/l	99
64) Tetrachloroethene	10.974	164	204801	19.957	ug/l	95
65) Chlorobenzene	11.768	112	610053	20.289	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	212444	19.791	ug/l	99
67) Ethyl Benzene	11.843	91	1134256	20.589	ug/l	96
68) m/p-Xylenes	11.950	106	842336	42.004	ug/l	94
69) o-Xylene	12.278	106	411648	20.637	ug/l	91
70) Styrene	12.294	104	647003	20.494	ug/l	95
71) Bromoform	12.454	173	152351	19.124	ug/l #	99
73) Isopropylbenzene	12.575	105	1086062	20.299	ug/l	99
74) N-amyl acetate	12.387	43	402768	17.904	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	351351	19.037	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	296000m	19.139	ug/l	
77) Bromobenzene	12.857	156	241752	19.681	ug/l	77
78) n-propylbenzene	12.918	91	1208004	20.378	ug/l	96
79) 2-Chlorotoluene	13.004	91	758144	19.933	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	881348	20.557	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	83307	17.666	ug/l	94
82) 4-Chlorotoluene	13.104	91	715918	20.094	ug/l	92
83) tert-Butylbenzene	13.321	119	771742	20.442	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	860630	20.846	ug/l	98
85) sec-Butylbenzene	13.500	105	1051945	20.524	ug/l	97
86) p-Isopropyltoluene	13.613	119	838635	20.829	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	410827	19.979	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	395586	19.503	ug/l	96
89) n-Butylbenzene	13.940	91	646643	19.255	ug/l	97
90) Hexachloroethane	14.209	117	133692	19.114	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	403551	20.019	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	52970	17.091	ug/l	80
93) 1,2,4-Trichlorobenzene	15.260	180	167505	17.636	ug/l	98
94) Hexachlorobutadiene	15.367	225	111673	20.230	ug/l	99
95) Naphthalene	15.504	128	402019	16.561	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	161460	18.304	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
Data File : VN070456.D
Acq On : 4 Jan 2022 11:55
Operator : JC/MD
Sample : VN0104WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0104WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:13:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

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

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

