

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074374.D
 Acq On : 09 Sep 2022 12:49
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Sep 10 05:42:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 05:38:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	374286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	666697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	650870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	338859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	469383	72.484	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 144.960%#			
35) Dibromofluoromethane	7.951	113	353623	78.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 157.140%#			
50) Toluene-d8	10.381	98	1368184	78.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 156.040%#			
62) 4-Bromofluorobenzene	12.674	95	529738	83.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 166.400%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	326296	67.270	ug/l	99
3) Chloromethane	2.263	50	428485	62.594	ug/l	97
4) Vinyl Chloride	2.405	62	537904	66.379	ug/l	99
5) Bromomethane	2.775	94	329877m	58.330	ug/l	
6) Chloroethane	2.934	64	358138	59.698	ug/l	96
7) Trichlorofluoromethane	3.299	101	532485	66.549	ug/l	98
8) Diethyl Ether	3.757	74	223582	66.222	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.134	101	312048	65.080	ug/l	100
10) Methyl Iodide	4.340	142	407110	73.448	ug/l	99
11) Tert butyl alcohol	5.287	59	581484	343.300	ug/l	100
12) 1,1-Dichloroethene	4.104	96	305515	65.480	ug/l	93
13) Acrolein	3.969	56	390645	347.202	ug/l	100
14) Allyl chloride	4.751	41	680793	66.520	ug/l	100
15) Acrylonitrile	5.469	53	1391568	359.099	ug/l	100
16) Acetone	4.216	43	1182121	338.130	ug/l	99
17) Carbon Disulfide	4.451	76	869725	68.587	ug/l	97
18) Methyl Acetate	4.769	43	676894	65.680	ug/l	97
19) Methyl tert-butyl Ether	5.528	73	1333576	71.013	ug/l	98
20) Methylene Chloride	5.004	84	376398	62.356	ug/l	95
21) trans-1,2-Dichloroethene	5.504	96	354904	68.026	ug/l	98
22) Diisopropyl ether	6.410	45	1443270	70.040	ug/l	96
23) Vinyl Acetate	6.345	43	6742862	371.195	ug/l	99
24) 1,1-Dichloroethane	6.298	63	733489	69.274	ug/l	96
25) 2-Butanone	7.251	43	2052225	349.697	ug/l	99
26) 2,2-Dichloropropane	7.240	77	643076	67.135	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	431584	67.004	ug/l	98
28) Bromochloromethane	7.581	49	236508	62.791	ug/l	99
29) Tetrahydrofuran	7.604	42	1402687	361.575	ug/l	99
30) Chloroform	7.745	83	757824	71.703	ug/l	99
31) Cyclohexane	8.022	56	683585	66.374	ug/l	95
32) 1,1,1-Trichloroethane	7.934	97	685078	72.255	ug/l	100
36) 1,1-Dichloropropene	8.145	75	550623	74.259	ug/l	98
37) Ethyl Acetate	7.334	43	826943	76.811	ug/l	99
38) Carbon Tetrachloride	8.134	117	577470	75.437	ug/l	99
39) Methylcyclohexane	9.392	83	687221	73.127	ug/l	99
40) Benzene	8.387	78	1696941	74.746	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074374.D
 Acq On : 09 Sep 2022 12:49
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Sep 10 05:42:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 05:38:51 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	384857	72.108	ug/l	88
42) 1,2-Dichloroethane	8.463	62	632669	72.896	ug/l	99
43) Isopropyl Acetate	8.492	43	1297793	73.778	ug/l	99
44) Trichloroethene	9.151	130	378662	74.398	ug/l	99
45) 1,2-Dichloropropane	9.428	63	433118	71.868	ug/l	97
46) Dibromomethane	9.516	93	308897	74.859	ug/l	97
47) Bromodichloromethane	9.698	83	622133	75.640	ug/l	96
48) Methyl methacrylate	9.498	41	593667	76.579	ug/l	93
49) 1,4-Dioxane	9.504	88	234617	1436.117	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	4343120	377.543	ug/l	99
52) Toluene	10.445	92	1100424	78.378	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	724990	79.901	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	729097	75.375	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	434570	75.091	ug/l	99
56) Ethyl methacrylate	10.704	69	789644	80.303	ug/l	99
57) 1,3-Dichloropropane	10.986	76	761186	75.247	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	1755459	383.765	ug/l	100
59) 2-Hexanone	11.028	43	3390661	381.946	ug/l	99
60) Dibromochloromethane	11.180	129	484825	82.743	ug/l	99
61) 1,2-Dibromoethane	11.286	107	466646	78.376	ug/l	100
64) Tetrachloroethene	10.916	164	311039	70.494	ug/l	95
65) Chlorobenzene	11.710	112	1139465	72.604	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	435829	71.091	ug/l	99
67) Ethyl Benzene	11.786	91	2170658	73.226	ug/l	100
68) m/p-Xylenes	11.892	106	1670740	149.926	ug/l	98
69) o-Xylene	12.222	106	825465	73.692	ug/l	99
70) Styrene	12.233	104	1399369	78.577	ug/l	97
71) Bromoform	12.404	173	363477	79.155	ug/l #	99
73) Isopropylbenzene	12.522	105	2201049	67.607	ug/l	98
74) N-amyl acetate	12.333	43	1206662	63.659	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.769	83	777890	63.579	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	619586m	53.888	ug/l	
77) Bromobenzene	12.804	156	468126	66.979	ug/l	99
78) n-propylbenzene	12.863	91	2655316	71.194	ug/l	99
79) 2-Chlorotoluene	12.951	91	1536145	67.555	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	1879564	69.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	280205	70.506	ug/l	98
82) 4-Chlorotoluene	13.045	91	1552479	70.759	ug/l	99
83) tert-Butylbenzene	13.269	119	1659025	68.224	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1888850	70.555	ug/l	99
85) sec-Butylbenzene	13.445	105	2368082	71.560	ug/l	99
86) p-Isopropyltoluene	13.557	119	1957512	73.902	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	922186	71.366	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	929313	71.192	ug/l	98
89) n-Butylbenzene	13.886	91	1743746	77.362	ug/l	99
90) Hexachloroethane	14.151	117	386851	69.133	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	921503	67.810	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	200023	60.058	ug/l	98
93) 1,2,4-Trichlorobenzene	15.204	180	512078	75.620	ug/l	100
94) Hexachlorobutadiene	15.310	225	213096	69.430	ug/l	98
95) Naphthalene	15.439	128	2024101	76.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	517980	73.917	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
Data File : VN074374.D
Acq On : 09 Sep 2022 12:49
Operator : JC\MD
Sample : VSTDICC075
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 05:42:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 05:38:51 2022
Response via : Initial Calibration

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

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

