

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074401.D
 Acq On : 10 Sep 2022 02:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 10 07:32:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	297267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	540529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	499500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	249934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	233250	45.351	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.700%
35) Dibromofluoromethane	7.951	113	172473	47.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	10.380	98	653844	45.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.980%
62) 4-Bromofluorobenzene	12.674	95	249603	48.351	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	157341	40.842	ug/l	97
3) Chloromethane	2.263	50	213840	46.233	ug/l	99
4) Vinyl Chloride	2.404	62	316644	49.199	ug/l	99
5) Bromomethane	2.781	94	240430	53.460	ug/l	94
6) Chloroethane	2.951	64	240862	61.470	ug/l	94
7) Trichlorofluoromethane	3.310	101	279099	43.918	ug/l	96
8) Diethyl Ether	3.763	74	120314	44.868	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.140	101	163226	42.862	ug/l	100
10) Methyl Iodide	4.346	142	200889	45.633	ug/l	98
11) Tert butyl alcohol	5.293	59	304902	226.649	ug/l	97
12) 1,1-Dichloroethene	4.110	96	157474	42.495	ug/l	93
13) Acrolein	3.975	56	183565	205.422	ug/l	98
14) Allyl chloride	4.763	41	338528	41.647	ug/l	99
15) Acrylonitrile	5.469	53	707509	229.879	ug/l	98
16) Acetone	4.222	43	624514	224.916	ug/l	99
17) Carbon Disulfide	4.451	76	438060	43.496	ug/l	96
18) Methyl Acetate	4.769	43	360365	44.026	ug/l	97
19) Methyl tert-butyl Ether	5.528	73	666692	44.700	ug/l	97
20) Methylene Chloride	5.010	84	197354	48.393	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	176963	42.617	ug/l	96
22) Diisopropyl ether	6.410	45	755278	46.149	ug/l	99
23) Vinyl Acetate	6.351	43	3495234	239.302	ug/l	100
24) 1,1-Dichloroethane	6.304	63	380516	45.249	ug/l	99
25) 2-Butanone	7.257	43	1086690	233.147	ug/l	99
26) 2,2-Dichloropropane	7.245	77	220650	29.003	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	219527	42.912	ug/l	97
28) Bromochloromethane	7.586	49	116230	46.035	ug/l	96
29) Tetrahydrofuran	7.610	42	718636	233.240	ug/l	99
30) Chloroform	7.745	83	392597	46.770	ug/l	98
31) Cyclohexane	8.022	56	351300	42.948	ug/l	90
32) 1,1,1-Trichloroethane	7.945	97	342669	45.505	ug/l	98
36) 1,1-Dichloropropene	8.145	75	287254	47.783	ug/l	97
37) Ethyl Acetate	7.339	43	412281	47.276	ug/l	97
38) Carbon Tetrachloride	8.133	117	300356	48.395	ug/l	96
39) Methylcyclohexane	9.392	83	337845	44.341	ug/l	97
40) Benzene	8.386	78	874380	47.504	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	225214	52.046	ug/l	95
42) 1,2-Dichloroethane	8.463	62	331074	47.050	ug/l	98
43) Isopropyl Acetate	8.492	43	677929	47.535	ug/l	99
44) Trichloroethene	9.151	130	202497	49.073	ug/l	97
45) 1,2-Dichloropropane	9.428	63	229006	46.869	ug/l	97
46) Dibromomethane	9.516	93	157555	47.094	ug/l	98
47) Bromodichloromethane	9.698	83	310160	46.512	ug/l	92
48) Methyl methacrylate	9.498	41	294899	46.919	ug/l	97
49) 1,4-Dioxane	9.504	88	120859	912.471	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	2302078	246.828	ug/l	98
52) Toluene	10.445	92	550422	48.355	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	340104	46.232	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	349372	44.549	ug/l	96
55) 1,1,2-Trichloroethane	10.845	97	218851	46.643	ug/l	97
56) Ethyl methacrylate	10.704	69	404599	50.750	ug/l	96
57) 1,3-Dichloropropane	10.986	76	390251	47.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	861386	232.264	ug/l	99
59) 2-Hexanone	11.027	43	1811539	251.695	ug/l	97
60) Dibromochloromethane	11.180	129	242359	51.017	ug/l	99
61) 1,2-Dibromoethane	11.286	107	231618	47.982	ug/l	99
64) Tetrachloroethene	10.916	164	153106	45.215	ug/l	97
65) Chlorobenzene	11.710	112	561741	46.639	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	222291	47.248	ug/l	100
67) Ethyl Benzene	11.786	91	1075618	47.281	ug/l	99
68) m/p-Xylenes	11.892	106	812873	95.049	ug/l	100
69) o-Xylene	12.221	106	405387	47.157	ug/l	96
70) Styrene	12.233	104	691275	50.579	ug/l	98
71) Bromoform	12.398	173	179779	51.015	ug/l #	98
73) Isopropylbenzene	12.521	105	1079192	44.942	ug/l	99
74) N-amyl acetate	12.333	43	633765	51.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	402997	44.657	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	315127m	48.231	ug/l	
77) Bromobenzene	12.804	156	231451	44.898	ug/l	96
78) n-propylbenzene	12.863	91	1282476	46.620	ug/l	100
79) 2-Chlorotoluene	12.951	91	762385	45.456	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	939447	47.156	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	114563	39.083	ug/l	92
82) 4-Chlorotoluene	13.045	91	763495	47.180	ug/l	100
83) tert-Butylbenzene	13.268	119	813507	45.357	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	929631	47.080	ug/l	99
85) sec-Butylbenzene	13.445	105	1160377	47.541	ug/l	99
86) p-Isopropyltoluene	13.557	119	944131	48.326	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	452438	47.471	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	444641	46.182	ug/l	100
89) n-Butylbenzene	13.886	91	814790	49.010	ug/l	99
90) Hexachloroethane	14.151	117	184968	44.816	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	458815	45.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	94238	46.150	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	232148	46.479	ug/l	98
94) Hexachlorobutadiene	15.304	225	100123	44.228	ug/l	99
95) Naphthalene	15.439	128	920095	47.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	235381	45.540	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

