

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN075000.D
 Acq On : 24 Oct 2022 21:51
 Operator : JC\MD
 Sample : N5222-06MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

Quant Time: Oct 25 06:53:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	551538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	995819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1159622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	918684	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	650514	44.392	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.780%
35) Dibromofluoromethane	8.171	113	548311	46.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	10.571	98	2250927	49.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.853	95	922743	57.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.040%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.136	85	408760	47.411	ug/l	97
3) Chloromethane	2.371	50	385609	43.451	ug/l	90
4) Vinyl Chloride	2.524	62	536287	39.907	ug/l	98
5) Bromomethane	2.918	94	453917	41.799	ug/l	98
6) Chloroethane	3.101	64	414141	40.545	ug/l	100
7) Trichlorofluoromethane	3.489	101	746657	52.746	ug/l	99
8) Diethyl Ether	3.971	74	299229	45.780	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	426294	50.849	ug/l	98
10) Methyl Iodide	4.595	142	585105	47.447	ug/l	98
11) Tert butyl alcohol	5.547	59	691671	223.255	ug/l	100
12) 1,1-Dichloroethene	4.348	96	387591	51.350	ug/l	92
13) Acrolein	4.195	56	429765	285.333	ug/l	# 76
14) Allyl chloride	5.030	41	588776	43.874	ug/l	95
15) Acrylonitrile	5.730	53	1501679	239.614	ug/l	95
16) Acetone	4.442	43	1382810	278.150	ug/l	99
17) Carbon Disulfide	4.712	76	694139	44.619	ug/l	99
18) Methyl Acetate	5.036	43	779199	41.869	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	2126968	59.777	ug/l	# 1
20) Methylene Chloride	5.289	84	487955	49.458	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	414418	46.538	ug/l	86
22) Diisopropyl ether	6.683	45	1398246	45.531	ug/l	97
23) Vinyl Acetate	6.612	43	4676258	193.443	ug/l	96
24) 1,1-Dichloroethane	6.577	63	850690	44.799	ug/l	97
25) 2-Butanone	7.494	43	1961749	219.757	ug/l	93
26) 2,2-Dichloropropane	7.494	77	656746	36.596	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	566298	46.002	ug/l	95
28) Bromochloromethane	7.818	49	379583	47.973	ug/l	88
29) Tetrahydrofuran	7.847	42	1200779	218.098	ug/l	97
30) Chloroform	7.971	83	1024565	47.751	ug/l	99
31) Cyclohexane	8.259	56	1349354	90.128	ug/l	# 95
32) 1,1,1-Trichloroethane	8.171	97	867584	44.938	ug/l	98
36) 1,1-Dichloropropene	8.377	75	628796	42.124	ug/l	98
37) Ethyl Acetate	7.571	43	710464	40.420	ug/l	100
38) Carbon Tetrachloride	8.371	117	728469	44.830	ug/l	95
39) Methylcyclohexane	9.606	83	1675071	94.712	ug/l	94
40) Benzene	8.612	78	11810274	256.637	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	383751	43.498	ug/l	97
42) 1,2-Dichloroethane	8.677	62	753579	43.260	ug/l	99
43) Isopropyl Acetate	8.694	43	1338765	49.107	ug/l	95
44) Trichloroethene	9.353	130	511906	45.322	ug/l	99
45) 1,2-Dichloropropane	9.630	63	522790	44.077	ug/l	97
46) Dibromomethane	9.712	93	401812	46.326	ug/l	96
47) Bromodichloromethane	9.888	83	829406	47.336	ug/l	94
48) Methyl methacrylate	9.688	41	474555	39.809	ug/l	91
49) 1,4-Dioxane	9.700	88	299125	867.893	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	4098187	226.940	ug/l	99
52) Toluene	10.635	92	1767022	58.844	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	841932	48.704	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	854055	44.676	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	875841	69.504	ug/l #	82
56) Ethyl methacrylate	10.877	69	976103	51.438	ug/l	93
57) 1,3-Dichloropropane	11.165	76	988400	46.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.106	63	22199	6.173	ug/l #	45
59) 2-Hexanone	11.200	43	3210209	234.402	ug/l	99
60) Dibromochloromethane	11.365	129	668918	50.565	ug/l	99
61) 1,2-Dibromoethane	11.471	107	637565	50.179	ug/l	92
64) Tetrachloroethene	11.106	164	411440	43.389	ug/l	96
65) Chlorobenzene	11.894	112	1602126	45.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	694420	52.545	ug/l	99
67) Ethyl Benzene	11.953	91	23903633m	383.958	ug/l	
68) m/p-Xylenes	12.065	106	24373593m	1004.084	ug/l	
69) o-Xylene	12.400	106	2832487	116.484	ug/l	96
70) Styrene	12.412	104	2137307	55.455	ug/l	91
71) Bromoform	12.582	173	558626	56.007	ug/l #	99
73) Isopropylbenzene	12.700	105	7181702	95.706	ug/l	99
74) N-amyl acetate	12.494	43	1129748	37.470	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	1074906	38.357	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	771875m	30.982	ug/l	
77) Bromobenzene	12.982	156	783379	45.525	ug/l	83
78) n-propylbenzene	13.035	91	11737542	133.652	ug/l	97
79) 2-Chlorotoluene	13.223	91	2178606	40.047	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	16121898	248.729	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.741	75	308913	39.755	ug/l	93
82) 4-Chlorotoluene	13.223	91	2178606	40.047	ug/l	93
83) tert-Butylbenzene	13.441	119	2664643	46.454	ug/l	96
84) 1,2,4-Trimethylbenzene	13.329	105	17026495	260.077	ug/l	86
85) sec-Butylbenzene	13.618	105	4264123	52.947	ug/l	91
86) p-Isopropyltoluene	13.735	119	3486961	52.571	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	1563224	47.482	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	1545479	46.302	ug/l	99
89) n-Butylbenzene	14.059	91	3321564	58.643	ug/l #	83
90) Hexachloroethane	14.335	117	1246637	97.007	ug/l	62
91) 1,2-Dichlorobenzene	14.106	146	1490262	44.161	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	259350	44.540	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	887913	60.461	ug/l	89
94) Hexachlorobutadiene	15.506	225	367670	48.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	892385	60.378	ug/l	95

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

