

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
 Data File : VN074828.D
 Acq On : 10 Oct 2022 13:26
 Operator : JC\MD
 Sample : VN1010WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Quant Time: Oct 11 06:22:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/11/2022
 Supervised By : Mahesh Dadoda 10/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	261195	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.112	114	456993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	490343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285358	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.588	65	308441	49.839	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.680%
35) Dibromofluoromethane	8.177	113	241360	52.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	10.570	98	1022268	51.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.853	95	287719	47.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.148	85	108124	20.185	ug/l	92
3) Chloromethane	2.383	50	147865	18.562	ug/l	91
4) Vinyl Chloride	2.536	62	210152	21.307	ug/l	# 88
5) Bromomethane	2.953	94	167939	24.146	ug/l	84
6) Chloroethane	3.130	64	199929	27.397	ug/l	99
7) Trichlorofluoromethane	3.506	101	156891	20.183	ug/l	97
8) Diethyl Ether	3.983	74	68168	16.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.394	101	94075	19.755	ug/l	97
10) Methyl Iodide	4.606	142	109815	19.070	ug/l	98
11) Tert butyl alcohol	5.553	59	169992	82.012	ug/l	98
12) 1,1-Dichloroethene	4.359	96	90082	17.770	ug/l	94
13) Acrolein	4.206	56	40862	69.482	ug/l	99
14) Allyl chloride	5.041	41	194177	18.638	ug/l	99
15) Acrylonitrile	5.747	53	426314	94.299	ug/l	100
16) Acetone	4.453	43	374547	106.794	ug/l	98
17) Carbon Disulfide	4.730	76	236499	17.072	ug/l	98
18) Methyl Acetate	5.053	43	250124	19.263	ug/l	98
19) Methyl tert-butyl Ether	5.824	73	355082	18.005	ug/l	98
20) Methylene Chloride	5.294	84	118747	19.946	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	96384	17.775	ug/l	88
22) Diisopropyl ether	6.688	45	418624	18.918	ug/l	96
23) Vinyl Acetate	6.624	43	1569857	86.367	ug/l	100
24) 1,1-Dichloroethane	6.588	63	216656	18.991	ug/l	98
25) 2-Butanone	7.500	43	622023	97.724	ug/l	91
26) 2,2-Dichloropropane	7.500	77	180973	19.233	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	128301	19.876	ug/l	92
28) Bromochloromethane	7.824	49	107511	20.886	ug/l	95
29) Tetrahydrofuran	7.859	42	409361	92.278	ug/l	98
30) Chloroform	7.977	83	213047	20.388	ug/l	# 83
31) Cyclohexane	8.265	56	193595	18.099	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	173239	19.450	ug/l	96
36) 1,1-Dichloropropene	8.377	75	148173	19.827	ug/l	98
37) Ethyl Acetate	7.500	43	622023	20.750	ug/l	# 54
38) Carbon Tetrachloride	8.377	117	141516	20.080	ug/l	93
39) Methylcyclohexane	9.606	83	191829	19.814	ug/l	# 90
40) Benzene	8.618	78	501952	20.747	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	118428	20.054	ug/l	95
42) 1,2-Dichloroethane	8.682	62	161471	21.262	ug/l	98
43) Isopropyl Acetate	8.694	43	377795	20.394	ug/l	99
44) Trichloroethene	9.359	130	101405	20.124	ug/l	92
45) 1,2-Dichloropropane	9.623	63	133547	20.386	ug/l	97
46) Dibromomethane	9.712	93	83320	21.675	ug/l	94
47) Bromodichloromethane	9.894	83	161067	20.508	ug/l	96
48) Methyl methacrylate	9.612	41	169105	22.235	ug/l #	99
49) 1,4-Dioxane	9.706	88	62778	380.848	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	1225661	102.744	ug/l	98
52) Toluene	10.629	92	296163	20.377	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	181878	19.436	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	194959	19.297	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	122917	21.033	ug/l	90
56) Ethyl methacrylate	10.876	69	197882	18.591	ug/l	93
57) 1,3-Dichloropropane	11.165	76	216711	20.575	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	389931	101.570	ug/l	98
59) 2-Hexanone	11.200	43	926305	102.658	ug/l	97
60) Dibromochloromethane	11.359	129	114335	19.860	ug/l	99
61) 1,2-Dibromoethane	11.470	107	125583	21.133	ug/l	96
64) Tetrachloroethene	11.112	164	79870	20.065	ug/l	94
65) Chlorobenzene	11.894	112	300062	19.975	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	112545	20.519	ug/l	97
67) Ethyl Benzene	11.965	91	566268	20.224	ug/l	97
68) m/p-Xylenes	12.076	106	424154	40.354	ug/l	97
69) o-Xylene	12.400	106	213496	19.798	ug/l	96
70) Styrene	12.412	104	338274	19.898	ug/l	99
71) Bromoform	12.582	173	77567	18.539	ug/l #	100
73) Isopropylbenzene	12.700	105	544798	19.840	ug/l	98
74) N-amyl acetate	12.500	43	290364	17.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	207209	21.439	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	150648m	17.688	ug/l	
77) Bromobenzene	12.982	156	114501	21.815	ug/l	94
78) n-propylbenzene	13.041	91	635525	20.089	ug/l	100
79) 2-Chlorotoluene	13.129	91	371815	19.382	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	456122	20.827	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.735	75	69439	15.885	ug/l	88
82) 4-Chlorotoluene	13.223	91	339135	19.074	ug/l	98
83) tert-Butylbenzene	13.441	119	390915	20.656	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	447048	20.188	ug/l	100
85) sec-Butylbenzene	13.617	105	567532	20.637	ug/l	100
86) p-Isopropyltoluene	13.735	119	439587	20.713	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	208069	19.106	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	208985	20.316	ug/l	97
89) n-Butylbenzene	14.059	91	377778	20.196	ug/l	98
90) Hexachloroethane	14.335	117	91516	19.286	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	226933	21.638	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39230	17.236	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	97517	21.257	ug/l	96
94) Hexachlorobutadiene	15.505	225	49430	23.033	ug/l	98
95) Naphthalene	15.641	128	386598	19.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99085	21.326	ug/l	98

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

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