

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072282.D
 Acq On : 29 Apr 2022 20:10
 Operator : JC\MD
 Sample : N2617-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1MS

Quant Time: Apr 30 03:17:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2022
 Supervised By :Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	226104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	386085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	367222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	155434	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	189817	54.683	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.360%			
35) Dibromofluoromethane	8.016	113	129775	52.516	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.040%			
50) Toluene-d8	10.439	98	508538	52.372	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.740%			
62) 4-Bromofluorobenzene	12.727	95	196345	60.920	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 121.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	116216	45.844	ug/l	100
3) Chloromethane	2.299	50	108035	37.793	ug/l	98
4) Vinyl Chloride	2.446	62	101788	39.990	ug/l	98
5) Bromomethane	2.834	94	60929	50.007	ug/l	97
6) Chloroethane	3.010	64	71141	49.429	ug/l	97
7) Trichlorofluoromethane	3.369	101	205399	46.190	ug/l	99
8) Diethyl Ether	3.822	74	74280	46.131	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	99695	42.681	ug/l	95
10) Methyl Iodide	4.428	142	129887	45.811	ug/l #	83
11) Tert butyl alcohol	5.363	59	126364	221.520	ug/l	99
12) 1,1-Dichloroethene	4.181	96	94336	43.684	ug/l	88
13) Acrolein	4.040	56	113693	198.049	ug/l #	16
14) Allyl chloride	4.840	41	177844	39.664	ug/l	94
15) Acrylonitrile	5.551	53	366707	213.029	ug/l	97
16) Acetone	4.281	43	375829	251.126	ug/l	91
17) Carbon Disulfide	4.528	76	209912	41.377	ug/l	99
18) Methyl Acetate	4.851	43	168639	40.300	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	428855	50.663	ug/l #	1
20) Methylene Chloride	5.092	84	121028	42.189	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	101506	42.627	ug/l	90
22) Diisopropyl ether	6.492	45	390452	42.277	ug/l	96
23) Vinyl Acetate	6.428	43	1588971	204.858	ug/l	95
24) 1,1-Dichloroethane	6.381	63	227688	44.075	ug/l	98
25) 2-Butanone	7.328	43	501210	210.292	ug/l	97
26) 2,2-Dichloropropane	7.322	77	173941	43.104	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	128783	44.362	ug/l	92
28) Bromochloromethane	7.651	49	95234	41.170	ug/l	86
29) Tetrahydrofuran	7.681	42	305753	195.475	ug/l	95
30) Chloroform	7.816	83	273509	52.731	ug/l	99
31) Cyclohexane	8.092	56	512677	110.537	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	223697	50.678	ug/l	99
36) 1,1-Dichloropropene	8.222	75	167198	46.483	ug/l	95
37) Ethyl Acetate	7.404	43	185353	38.803	ug/l	97
38) Carbon Tetrachloride	8.204	117	189510	49.192	ug/l	98
39) Methylcyclohexane	9.457	83	478700	118.992	ug/l	93
40) Benzene	8.457	78	492531	44.145	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	111711	46.228	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	209140	48.963	ug/l	95
43) Isopropyl Acetate	8.557	43	321927	43.036	ug/l	95
44) Trichloroethene	9.210	130	118675	45.726	ug/l	87
45) 1,2-Dichloropropane	9.486	63	133204	44.184	ug/l	98
46) Dibromomethane	9.575	93	89806	47.552	ug/l	87
47) Bromodichloromethane	9.757	83	200049	50.483	ug/l	99
48) Methyl methacrylate	9.557	41	153784	48.738	ug/l	92
49) 1,4-Dioxane	9.563	88	50697	914.658	ug/l	94
51) 4-Methyl-2-Pentanone	10.327	43	1011386	224.400	ug/l	96
52) Toluene	10.504	92	584443	87.624	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	205504	51.589	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	209274	48.578	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	157006	56.141	ug/l	98
56) Ethyl methacrylate	10.757	69	225186	46.168	ug/l	90
57) 1,3-Dichloropropane	11.039	76	229136	46.691	ug/l	100
59) 2-Hexanone	11.080	43	748642	235.758	ug/l	94
60) Dibromochloromethane	11.233	129	143665	50.237	ug/l	99
61) 1,2-Dibromoethane	11.339	107	135473	49.256	ug/l	100
64) Tetrachloroethene	10.974	164	98569	44.592	ug/l	93
65) Chlorobenzene	11.763	112	344964	46.492	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	131208	46.930	ug/l	97
67) Ethyl Benzene	11.839	91	5441869	420.556	ug/l	97
68) m/p-Xylenes	11.945	106	5905639	1229.054	ug/l	86
69) o-Xylene	12.274	106	1275820	273.886	ug/l	87
70) Styrene	12.286	104	447830	61.034	ug/l #	51
71) Bromoform	12.451	173	102693	49.387	ug/l #	99
73) Isopropylbenzene	12.574	105	2168093	157.932	ug/l	96
74) N-amyl acetate	12.380	43	221660	43.098	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	199243	43.324	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	241331m	63.936	ug/l	
77) Bromobenzene	12.857	156	143245	44.124	ug/l	87
78) n-propylbenzene	12.915	91	5508246	364.220	ug/l	96
79) 2-Chlorotoluene	13.098	91	421369	42.419	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	4250277	371.762	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	55951	41.622	ug/l	89
82) 4-Chlorotoluene	13.098	91	421369	45.568	ug/l	98
83) tert-Butylbenzene	13.315	119	471062	46.928	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	13777113	1245.480	ug/l	94
85) sec-Butylbenzene	13.498	105	863563	65.987	ug/l	92
86) p-Isopropyltoluene	13.610	119	608677	59.658	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	242269	46.109	ug/l	96
88) 1,4-Dichlorobenzene	13.686	146	233966	45.789	ug/l	95
89) n-Butylbenzene	13.939	91	755105	96.623	ug/l #	81
90) Hexachloroethane	14.210	117	360034	162.556	ug/l #	28
91) 1,2-Dichlorobenzene	13.986	146	234268	45.236	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	55574	58.533	ug/l	64
93) 1,2,4-Trichlorobenzene	15.257	180	138650	57.531	ug/l #	88
94) Hexachlorobutadiene	15.368	225	60561	43.640	ug/l	95
95) Naphthalene	15.498	128	6293831	718.852	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	135741	56.522	ug/l	93

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

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