

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069335.D
 Acq On : 1 Nov 2021 21:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/03/2021
 Supervised By : Mahesh Dadoda 11/03/2021

Quant Time: Nov 02 05:51:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	239929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	424500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	406958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	194107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	184442	53.253	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.500%			
35) Dibromofluoromethane	8.024	113	137403	51.925	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.840%			
50) Toluene-d8	10.443	98	554466	52.406	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.820%			
62) 4-Bromofluorobenzene	12.734	95	215015	53.855	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	132943	47.330	ug/l	99
3) Chloromethane	2.303	50	139756	48.696	ug/l	100
4) Vinyl Chloride	2.443	62	166735	47.979	ug/l	100
5) Bromomethane	2.848	94	110427	54.741	ug/l	97
6) Chloroethane	3.014	64	109032	52.151	ug/l	99
7) Trichlorofluoromethane	3.371	101	261000	61.335	ug/l	99
8) Diethyl Ether	3.821	74	84188	55.617	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.202	101	116677	51.691	ug/l	98
10) Methyl Iodide	4.414	142	141717	43.282	ug/l	96
11) Tert butyl alcohol	5.382	59	150444	224.876	ug/l	100
12) 1,1-Dichloroethene	4.175	96	110195	51.062	ug/l	99
13) Acrolein	4.044	56	27454	180.002	ug/l	96
14) Allyl chloride	4.838	41	188476	49.369	ug/l	97
15) Acrylonitrile	5.557	53	374976	256.666	ug/l	98
16) Acetone	4.291	43	335965	227.673	ug/l	99
17) Carbon Disulfide	4.524	76	259818	45.213	ug/l	99
18) Methyl Acetate	4.859	43	256505	51.151	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	433074	51.004	ug/l	98
20) Methylene Chloride	5.093	84	136527	48.235	ug/l	97
21) trans-1,2-Dichloroethene	5.597	96	120929	49.626	ug/l	94
22) Diisopropyl ether	6.501	45	418051	47.077	ug/l	97
23) Vinyl Acetate	6.436	43	1621224	230.166	ug/l	99
24) 1,1-Dichloroethane	6.388	63	236675	51.871	ug/l	99
25) 2-Butanone	7.340	43	523007	231.382	ug/l	97
26) 2,2-Dichloropropane	7.327	77	175015	39.246	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	147771	51.323	ug/l	98
28) Bromochloromethane	7.659	49	117564	51.426	ug/l	96
29) Tetrahydrofuran	7.689	42	346746	238.677	ug/l	96
30) Chloroform	7.820	83	259794	52.377	ug/l	98
31) Cyclohexane	8.094	56	220099	47.483	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	229128	47.242	ug/l	99
36) 1,1-Dichloropropene	8.223	75	186948	51.083	ug/l	98
37) Ethyl Acetate	7.415	43	209257	50.177	ug/l	99
38) Carbon Tetrachloride	8.209	117	195333	46.858	ug/l	100
39) Methylcyclohexane	9.462	83	224662	49.579	ug/l	97
40) Benzene	8.461	78	564049	51.242	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	101512	49.374	ug/l	93
42) 1,2-Dichloroethane	8.531	62	213633	51.572	ug/l	99
43) Isopropyl Acetate	8.563	43	347200	47.758	ug/l	99
44) Trichloroethene	9.218	130	137817	49.720	ug/l	100
45) 1,2-Dichloropropane	9.491	63	144845	51.685	ug/l	99
46) Dibromomethane	9.580	93	104707	52.588	ug/l	100
47) Bromodichloromethane	9.762	83	199056	46.761	ug/l	99
48) Methyl methacrylate	9.561	41	151845	48.243	ug/l	89
49) 1,4-Dioxane	9.572	88	66405	875.522	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	1103794	233.586	ug/l	99
52) Toluene	10.505	92	367074	50.848	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	213485	44.365	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	224446	44.863	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	149105	51.483	ug/l	99
56) Ethyl methacrylate	10.762	69	245030	46.182	ug/l	98
57) 1,3-Dichloropropane	11.047	76	249255	51.591	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	341177	231.339	ug/l	99
59) 2-Hexanone	11.087	43	822534	227.950	ug/l	99
60) Dibromochloromethane	11.240	129	148638	45.273	ug/l	100
61) 1,2-Dibromoethane	11.347	107	157951	47.796	ug/l	99
64) Tetrachloroethene	10.977	164	121011	46.553	ug/l	99
65) Chlorobenzene	11.771	112	393695	49.158	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	145068	46.901	ug/l	100
67) Ethyl Benzene	11.846	91	732758	50.223	ug/l	99
68) m/p-Xylenes	11.953	106	552452	101.652	ug/l	99
69) o-Xylene	12.280	106	274960	50.269	ug/l	100
70) Styrene	12.294	104	457681	46.156	ug/l	99
71) Bromoform	12.460	173	106134	42.527	ug/l #	99
73) Isopropylbenzene	12.581	105	727191	44.569	ug/l	100
74) N-amyl acetate	12.388	43	286985	44.649	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	238270	45.747	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	208720m	40.884	ug/l	
77) Bromobenzene	12.862	156	167682	43.809	ug/l	97
78) n-propylbenzene	12.921	91	835482	45.237	ug/l	100
79) 2-Chlorotoluene	13.010	91	503205	43.262	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	605920	44.733	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	65417	38.763	ug/l	92
82) 4-Chlorotoluene	13.106	91	494003	43.061	ug/l	99
83) tert-Butylbenzene	13.324	119	529219	44.781	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	598845	45.202	ug/l	100
85) sec-Butylbenzene	13.503	105	750764	45.852	ug/l	99
86) p-Isopropyltoluene	13.616	119	603020	46.179	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	299931	44.789	ug/l	99
88) 1,4-Dichlorobenzene	13.694	146	294005	45.222	ug/l	100
89) n-Butylbenzene	13.943	91	506620	45.812	ug/l	99
90) Hexachloroethane	14.211	117	103855	40.557	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	292510	44.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	46227	43.044	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	138658	44.283	ug/l	99
94) Hexachlorobutadiene	15.370	225	73353	45.690	ug/l	99
95) Naphthalene	15.507	128	418482	43.596	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	139447	45.496	ug/l	99

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

