

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072846.D
 Acq On : 14 Jun 2022 21:49
 Operator : JC\MD
 Sample : VN0614WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

Quant Time: Jun 15 04:35:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	280990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	515875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	455850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	164905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	233022	53.545	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.100%			
35) Dibromofluoromethane	8.016	113	171810	53.793	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.580%			
50) Toluene-d8	10.439	98	678583	53.836	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.680%			
62) 4-Bromofluorobenzene	12.727	95	222930	52.688	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	45263	18.811	ug/l	100
3) Chloromethane	2.293	50	51906	20.481	ug/l	96
4) Vinyl Chloride	2.434	62	42615	20.304	ug/l	99
5) Bromomethane	2.834	94	20136	20.731	ug/l	92
6) Chloroethane	3.004	64	27784	19.974	ug/l	99
7) Trichlorofluoromethane	3.363	101	88541	20.385	ug/l	95
8) Diethyl Ether	3.822	74	40471	19.677	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.199	101	50024	18.091	ug/l	96
10) Methyl Iodide	4.416	142	40859	17.667	ug/l	93
11) Tert butyl alcohol	5.369	59	102199	19.381	ug/l	99
12) 1,1-Dichloroethene	4.175	96	49312	19.025	ug/l	97
13) Acrolein	4.040	56	46809	94.657	ug/l	94
14) Allyl chloride	4.834	41	109953	18.379	ug/l #	94
15) Acrylonitrile	5.545	53	251494	98.659	ug/l	98
16) Acetone	4.281	43	232446	95.568	ug/l	94
17) Carbon Disulfide	4.528	76	91678	19.255	ug/l	100
18) Methyl Acetate	4.851	43	126646	20.474	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	218958	19.933	ug/l	98
20) Methylene Chloride	5.087	84	65175	19.986	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	51037	20.121	ug/l	94
22) Diisopropyl ether	6.487	45	249125	20.207	ug/l #	95
23) Vinyl Acetate	6.428	43	1071185	100.659	ug/l	95
24) 1,1-Dichloroethane	6.387	63	118454	19.403	ug/l	99
25) 2-Butanone	7.328	43	377398	97.921	ug/l	91
26) 2,2-Dichloropropane	7.322	77	77825	17.085	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	71338	19.888	ug/l	96
28) Bromochloromethane	7.657	49	56878	19.542	ug/l #	80
29) Tetrahydrofuran	7.681	42	238994	97.147	ug/l	88
30) Chloroform	7.816	83	122055	19.898	ug/l	99
31) Cyclohexane	8.092	56	99036	20.352	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	101003	19.723	ug/l	97
36) 1,1-Dichloropropene	8.222	75	78582	18.422	ug/l	98
37) Ethyl Acetate	7.410	43	143776	19.978	ug/l #	94
38) Carbon Tetrachloride	8.198	117	80914	19.002	ug/l	97
39) Methylcyclohexane	9.457	83	91879	18.973	ug/l	93
40) Benzene	8.457	78	262838	19.492	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	73042	19.796	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	104624	20.043	ug/l	97
43) Isopropyl Acetate	8.557	43	211856	19.980	ug/l	93
44) Trichloroethene	9.216	130	63598	19.406	ug/l	99
45) 1,2-Dichloropropane	9.486	63	72183	19.230	ug/l	98
46) Dibromomethane	9.575	93	49091	20.306	ug/l	87
47) Bromodichloromethane	9.757	83	98420	20.070	ug/l #	99
48) Methyl methacrylate	9.557	41	95888	18.969	ug/l	90
49) 1,4-Dioxane	9.569	88	40698	396.949	ug/l #	93
51) 4-Methyl-2-Pentanone	10.328	43	744240	102.406	ug/l	91
52) Toluene	10.504	92	167768	20.029	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	97119	19.712	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	104997	19.417	ug/l #	85
55) 1,1,2-Trichloroethane	10.898	97	73073	19.372	ug/l	93
56) Ethyl methacrylate	10.757	69	125623	19.967	ug/l #	83
57) 1,3-Dichloropropane	11.045	76	127027	19.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	259909	103.552	ug/l	93
59) 2-Hexanone	11.080	43	548826	100.583	ug/l	89
60) Dibromochloromethane	11.233	129	71156	20.022	ug/l	99
61) 1,2-Dibromoethane	11.345	107	74287	20.068	ug/l	99
64) Tetrachloroethene	10.975	164	57717	19.736	ug/l	96
65) Chlorobenzene	11.769	112	176724	19.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	67977	19.851	ug/l	99
67) Ethyl Benzene	11.839	91	316731	19.540	ug/l	98
68) m/p-Xylenes	11.951	106	230174	40.096	ug/l	94
69) o-Xylene	12.280	106	119179	19.618	ug/l	93
70) Styrene	12.292	104	186762	20.401	ug/l	97
71) Bromoform	12.457	173	49483	19.915	ug/l #	99
73) Isopropylbenzene	12.574	105	309312	20.404	ug/l	100
74) N-amyl acetate	12.386	43	148227	20.277	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.827	83	114772	20.082	ug/l	100
76) 1,2,3-Trichloropropane	12.880	75	96463m	20.280	ug/l	
77) Bromobenzene	12.857	156	66818	19.438	ug/l	81
78) n-propylbenzene	12.916	91	332379	20.099	ug/l	98
79) 2-Chlorotoluene	13.004	91	216147	20.039	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	246320	20.453	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	28288	18.495	ug/l #	86
82) 4-Chlorotoluene	13.104	91	192750	19.520	ug/l	97
83) tert-Butylbenzene	13.321	119	218823	20.109	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	241173	20.695	ug/l	97
85) sec-Butylbenzene	13.498	105	304080	20.908	ug/l	97
86) p-Isopropyltoluene	13.610	119	228895	20.196	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	112212	20.062	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	110084	19.446	ug/l	96
89) n-Butylbenzene	13.939	91	180812	19.834	ug/l	98
90) Hexachloroethane	14.210	117	45382	20.167	ug/l	84
91) 1,2-Dichlorobenzene	13.986	146	116145	20.270	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	22948	20.098	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	54451	20.096	ug/l	96
94) Hexachlorobutadiene	15.368	225	24254	19.414	ug/l	98
95) Naphthalene	15.504	128	205126	19.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	56988	20.471	ug/l	98

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

