

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072008.D
 Acq On : 15 Apr 2022 17:38
 Operator : JC\MD
 Sample : VN0415WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022
 Supervised By :Semsettin Yesilyurt 04/18/2022

Quant Time: Apr 16 00:07:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	537873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	838828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	763040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	287675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	277753	45.233	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.460%		
35) Dibromofluoromethane	8.016	113	246203	49.879	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.760%		
50) Toluene-d8	10.439	98	985651	48.814	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.620%		
62) 4-Bromofluorobenzene	12.727	95	309332	47.368	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	108125	25.286	ug/l	97
3) Chloromethane	2.299	50	117266	21.641	ug/l	99
4) Vinyl Chloride	2.440	62	120911	20.319	ug/l	99
5) Bromomethane	2.846	94	80034	20.690	ug/l	99
6) Chloroethane	3.010	64	73531	17.177	ug/l	99
7) Trichlorofluoromethane	3.369	101	160167	21.156	ug/l	98
8) Diethyl Ether	3.828	74	67405	21.067	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	97483	20.895	ug/l	97
10) Methyl Iodide	4.422	142	135068	20.711	ug/l	100
11) Tert butyl alcohol	5.363	59	97475	97.818	ug/l	100
12) 1,1-Dichloroethene	4.181	96	96700	21.781	ug/l	91
13) Acrolein	4.046	56	46079	37.924	ug/l	100
14) Allyl chloride	4.840	41	140545	19.504	ug/l	92
15) Acrylonitrile	5.551	53	321384	110.957	ug/l	97
16) Acetone	4.287	43	230564	87.860	ug/l	93
17) Carbon Disulfide	4.534	76	235838	23.152	ug/l	100
18) Methyl Acetate	4.851	43	135932	20.010	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	335808	20.360	ug/l	100
20) Methylene Chloride	5.098	84	128008	23.143	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	103777	21.293	ug/l	96
22) Diisopropyl ether	6.492	45	312943	19.949	ug/l	98
23) Vinyl Acetate	6.428	43	1314083	105.339	ug/l	98
24) 1,1-Dichloroethane	6.387	63	192497	20.903	ug/l	97
25) 2-Butanone	7.328	43	382056	100.990	ug/l	96
26) 2,2-Dichloropropane	7.322	77	154472	19.526	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	125648	21.024	ug/l	95
28) Bromochloromethane	7.657	49	67211	18.092	ug/l	95
29) Tetrahydrofuran	7.681	42	258526	105.537	ug/l	96
30) Chloroform	7.816	83	201837	20.756	ug/l	98
31) Cyclohexane	8.092	56	175092	20.967	ug/l #	90
32) 1,1,1-Trichloroethane	8.010	97	170932	20.547	ug/l	97
36) 1,1-Dichloropropene	8.222	75	143231	20.779	ug/l	99
37) Ethyl Acetate	7.410	43	158166	20.964	ug/l	98
38) Carbon Tetrachloride	8.198	117	141569	20.956	ug/l	97
39) Methylcyclohexane	9.457	83	177432	21.624	ug/l	97
40) Benzene	8.457	78	467725	21.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	76307	20.656	ug/l	94
42) 1,2-Dichloroethane	8.528	62	148088	19.660	ug/l	97
43) Isopropyl Acetate	8.557	43	226833	18.076	ug/l	95
44) Trichloroethene	9.210	130	120527	21.485	ug/l	100
45) 1,2-Dichloropropane	9.486	63	117758	21.648	ug/l	97
46) Dibromomethane	9.575	93	79215	21.448	ug/l	98
47) Bromodichloromethane	9.757	83	152644	20.996	ug/l	100
48) Methyl methacrylate	9.557	41	107766	20.699	ug/l	90
49) 1,4-Dioxane	9.563	88	51671	410.194	ug/l	94
51) 4-Methyl-2-Pentanone	10.327	43	774803	107.389	ug/l	96
52) Toluene	10.498	92	307593	22.347	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	161021	21.132	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	178194	21.165	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	122088	21.552	ug/l	98
56) Ethyl methacrylate	10.757	69	178316	22.065	ug/l #	89
57) 1,3-Dichloropropane	11.039	76	205018	21.646	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	256941	113.233	ug/l	100
59) 2-Hexanone	11.080	43	546173	107.521	ug/l	94
60) Dibromochloromethane	11.233	129	125277	22.680	ug/l	98
61) 1,2-Dibromoethane	11.339	107	124918	22.402	ug/l	100
64) Tetrachloroethene	10.974	164	106963	21.229	ug/l	98
65) Chlorobenzene	11.769	112	320860	21.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	118040	21.410	ug/l	99
67) Ethyl Benzene	11.839	91	549754	21.255	ug/l	98
68) m/p-Xylenes	11.951	106	426489	42.915	ug/l	98
69) o-Xylene	12.274	106	209179	21.206	ug/l	98
70) Styrene	12.292	104	326233	21.828	ug/l	98
71) Bromoform	12.451	173	94638	22.541	ug/l #	97
73) Isopropylbenzene	12.574	105	529227	21.831	ug/l	100
74) N-amyl acetate	12.386	43	139962	20.151	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	179038	22.135	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	154790m	23.227	ug/l	
77) Bromobenzene	12.857	156	128233	21.101	ug/l	98
78) n-propylbenzene	12.916	91	558957	21.920	ug/l	100
79) 2-Chlorotoluene	13.004	91	355349	21.729	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	439475	22.881	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	44403	20.648	ug/l	96
82) 4-Chlorotoluene	13.098	91	318762	21.029	ug/l	99
83) tert-Butylbenzene	13.321	119	384698	21.911	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	428145	22.846	ug/l	99
85) sec-Butylbenzene	13.498	105	502790	22.091	ug/l	100
86) p-Isopropyltoluene	13.610	119	403235	22.220	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	207281	21.410	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	200274	21.204	ug/l	99
89) n-Butylbenzene	13.939	91	281994	20.951	ug/l	98
90) Hexachloroethane	14.204	117	74887	22.543	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	206942	21.773	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28410	22.645	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	90885	21.109	ug/l	98
94) Hexachlorobutadiene	15.362	225	58673	20.931	ug/l	98
95) Naphthalene	15.504	128	253971	21.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	93814	22.546	ug/l	99

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

