

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042522\
 Data File : VN072177.D
 Acq On : 25 Apr 2022 14:15
 Operator : JC\MD
 Sample : VN0425WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 05:38:40 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	435921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	654135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	593217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	246577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	222291	44.668	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.340%		
35) Dibromofluoromethane	8.016	113	205398	53.361	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.720%		
50) Toluene-d8	10.439	98	781535	49.633	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.260%		
62) 4-Bromofluorobenzene	12.727	95	260326	51.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	73068	21.084	ug/l	95
3) Chloromethane	2.299	50	76534	17.428	ug/l	98
4) Vinyl Chloride	2.440	62	79864	16.560	ug/l	96
5) Bromomethane	2.840	94	62204	19.842	ug/l	94
6) Chloroethane	3.010	64	53104	15.306	ug/l	99
7) Trichlorofluoromethane	3.369	101	118930	19.383	ug/l	94
8) Diethyl Ether	3.822	74	53241	20.532	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	75768	20.039	ug/l	95
10) Methyl Iodide	4.422	142	102482	19.389	ug/l	100
11) Tert butyl alcohol	5.363	59	83978	103.983	ug/l	99
12) 1,1-Dichloroethene	4.181	96	69557	19.332	ug/l	89
13) Acrolein	4.046	56	20824	21.147	ug/l	93
14) Allyl chloride	4.834	41	99365	17.014	ug/l	90
15) Acrylonitrile	5.545	53	240416	102.415	ug/l	97
16) Acetone	4.287	43	169335	79.620	ug/l	89
17) Carbon Disulfide	4.534	76	159650	19.338	ug/l	99
18) Methyl Acetate	4.851	43	101711	18.354	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	262979	19.674	ug/l	99
20) Methylene Chloride	5.093	84	90701	20.233	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	76633	19.401	ug/l	96
22) Diisopropyl ether	6.492	45	232222	18.265	ug/l	94
23) Vinyl Acetate	6.428	43	944795	93.450	ug/l	95
24) 1,1-Dichloroethane	6.387	63	139590	18.703	ug/l	96
25) 2-Butanone	7.328	43	275284	89.785	ug/l	90
26) 2,2-Dichloropropane	7.322	77	116738	18.207	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	98260	20.286	ug/l	93
28) Bromochloromethane	7.657	49	61368	20.383	ug/l	87
29) Tetrahydrofuran	7.681	42	183143	92.250	ug/l	90
30) Chloroform	7.816	83	152206	19.313	ug/l	98
31) Cyclohexane	8.092	56	121109	17.895	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	127931	18.975	ug/l	96
36) 1,1-Dichloropropene	8.216	75	104395	19.421	ug/l	99
37) Ethyl Acetate	7.404	43	111610	18.970	ug/l	96
38) Carbon Tetrachloride	8.204	117	110605	20.995	ug/l	96
39) Methylcyclohexane	9.457	83	131865	20.609	ug/l	95
40) Benzene	8.457	78	355918	20.961	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	57047	19.803	ug/l	93
42) 1,2-Dichloroethane	8.522	62	111949	19.059	ug/l	94
43) Isopropyl Acetate	8.557	43	183229	18.724	ug/l	98
44) Trichloroethene	9.210	130	92632	21.175	ug/l	91
45) 1,2-Dichloropropane	9.486	63	86703	20.439	ug/l	93
46) Dibromomethane	9.575	93	60540	21.020	ug/l	95
47) Bromodichloromethane	9.757	83	119565	21.089	ug/l	99
48) Methyl methacrylate	9.557	41	72009	17.736	ug/l #	84
49) 1,4-Dioxane	9.563	88	42563	434.080	ug/l	95
51) 4-Methyl-2-Pentanone	10.328	43	551240	97.974	ug/l	92
52) Toluene	10.504	92	229988	21.427	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	122748	20.658	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	140087	21.337	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	96747	21.901	ug/l	100
56) Ethyl methacrylate	10.757	69	136559	21.669	ug/l #	85
57) 1,3-Dichloropropane	11.039	76	154459	20.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	165570	96.514	ug/l	98
59) 2-Hexanone	11.080	43	397141	100.256	ug/l	92
60) Dibromochloromethane	11.233	129	97408	22.614	ug/l	100
61) 1,2-Dibromoethane	11.339	107	94816	21.805	ug/l	99
64) Tetrachloroethene	10.975	164	82385	21.031	ug/l	92
65) Chlorobenzene	11.769	112	247884	20.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	92425	21.563	ug/l	100
67) Ethyl Benzene	11.839	91	408181	20.299	ug/l	98
68) m/p-Xylenes	11.951	106	321294	41.585	ug/l	99
69) o-Xylene	12.274	106	161337	21.038	ug/l	97
70) Styrene	12.286	104	253147	21.787	ug/l	97
71) Bromoform	12.451	173	76507	23.439	ug/l #	99
73) Isopropylbenzene	12.574	105	406508	19.564	ug/l	100
74) N-amyl acetate	12.386	43	107271	18.018	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	145436	20.978	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	120654m	21.122	ug/l	
77) Bromobenzene	12.857	156	104658	20.092	ug/l	93
78) n-propylbenzene	12.916	91	425084	19.448	ug/l	98
79) 2-Chlorotoluene	13.004	91	271625	19.378	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	331043	20.108	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	36938	20.040	ug/l	94
82) 4-Chlorotoluene	13.098	91	250836	19.306	ug/l	98
83) tert-Butylbenzene	13.316	119	301324	20.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	323732	20.154	ug/l	99
85) sec-Butylbenzene	13.498	105	385006	19.736	ug/l	100
86) p-Isopropyltoluene	13.610	119	312881	20.115	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	165782	19.978	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	160618	19.840	ug/l	97
89) n-Butylbenzene	13.939	91	210084	18.210	ug/l	99
90) Hexachloroethane	14.204	117	60336	21.190	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	166072	20.385	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	22046	20.501	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	71887	19.640	ug/l	99
94) Hexachlorobutadiene	15.363	225	47276	19.676	ug/l	99
95) Naphthalene	15.504	128	197537	20.057	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	75662	21.357	ug/l	96

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

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