

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042522\
 Data File : VN072176.D
 Acq On : 25 Apr 2022 13:40
 Operator : JC\MD
 Sample : VN0425WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 05:38:18 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	462462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	685596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	625818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	264630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	227294	43.052	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.100%		
35) Dibromofluoromethane	8.016	113	215849	53.503	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.000%		
50) Toluene-d8	10.439	98	822381	49.831	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.660%		
62) 4-Bromofluorobenzene	12.727	95	278402	52.160	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	78596	21.377	ug/l	100
3) Chloromethane	2.299	50	80453	17.269	ug/l	100
4) Vinyl Chloride	2.446	62	84133	16.444	ug/l	100
5) Bromomethane	2.852	94	63253	19.018	ug/l	92
6) Chloroethane	3.016	64	52958	14.388	ug/l	98
7) Trichlorofluoromethane	3.375	101	128002	19.664	ug/l	99
8) Diethyl Ether	3.828	74	52724	19.166	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	79849	19.906	ug/l	95
10) Methyl Iodide	4.422	142	105632	18.838	ug/l	99
11) Tert butyl alcohol	5.357	59	78239	91.317	ug/l	98
12) 1,1-Dichloroethene	4.187	96	72912	19.101	ug/l	88
13) Acrolein	4.040	56	19527	18.692	ug/l	94
14) Allyl chloride	4.840	41	101303	16.351	ug/l #	90
15) Acrylonitrile	5.551	53	231721	93.046	ug/l	98
16) Acetone	4.287	43	167497	74.236	ug/l	94
17) Carbon Disulfide	4.528	76	168051	19.188	ug/l	99
18) Methyl Acetate	4.851	43	98080	16.541	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	260888	18.397	ug/l	100
20) Methylene Chloride	5.098	84	91899	19.324	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	80685	19.255	ug/l	95
22) Diisopropyl ether	6.487	45	235683	17.474	ug/l	93
23) Vinyl Acetate	6.428	43	950204	88.591	ug/l	96
24) 1,1-Dichloroethane	6.381	63	147613	18.643	ug/l	99
25) 2-Butanone	7.328	43	271132	83.356	ug/l	92
26) 2,2-Dichloropropane	7.322	77	122929	18.072	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	100971	19.650	ug/l	93
28) Bromochloromethane	7.651	49	61288	19.188	ug/l	85
29) Tetrahydrofuran	7.681	42	178906	84.944	ug/l	90
30) Chloroform	7.816	83	158345	18.939	ug/l	99
31) Cyclohexane	8.092	56	130626	18.193	ug/l #	90
32) 1,1,1-Trichloroethane	8.010	97	131797	18.427	ug/l	97
36) 1,1-Dichloropropene	8.222	75	111904	19.863	ug/l	99
37) Ethyl Acetate	7.404	43	116562	18.903	ug/l	97
38) Carbon Tetrachloride	8.198	117	114983	20.825	ug/l	100
39) Methylcyclohexane	9.457	83	139275	20.768	ug/l	96
40) Benzene	8.457	78	364566	20.485	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	49207	16.297	ug/l	88
42) 1,2-Dichloroethane	8.528	62	113005	18.356	ug/l	95
43) Isopropyl Acetate	8.557	43	174941	17.056	ug/l	96
44) Trichloroethene	9.216	130	94585	20.629	ug/l	98
45) 1,2-Dichloropropane	9.486	63	89885	20.217	ug/l	98
46) Dibromomethane	9.575	93	60796	20.140	ug/l	93
47) Bromodichloromethane	9.757	83	121606	20.465	ug/l	98
48) Methyl methacrylate	9.551	41	69872	16.420	ug/l #	80
49) 1,4-Dioxane	9.563	88	41277	400.600	ug/l	93
51) 4-Methyl-2-Pentanone	10.328	43	538588	91.333	ug/l	93
52) Toluene	10.504	92	237888	21.146	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	124692	20.022	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	142395	20.694	ug/l	91
55) 1,1,2-Trichloroethane	10.892	97	97401	21.037	ug/l	98
56) Ethyl methacrylate	10.757	69	136753	20.704	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	156970	20.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	161966	91.212	ug/l	96
59) 2-Hexanone	11.080	43	381030	91.775	ug/l	91
60) Dibromochloromethane	11.233	129	98223	21.757	ug/l	99
61) 1,2-Dibromoethane	11.339	107	96565	21.188	ug/l	97
64) Tetrachloroethene	10.975	164	86322	20.889	ug/l	97
65) Chlorobenzene	11.763	112	253890	20.261	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	95406	21.099	ug/l	99
67) Ethyl Benzene	11.839	91	422535	19.918	ug/l	96
68) m/p-Xylenes	11.951	106	339889	41.700	ug/l	96
69) o-Xylene	12.275	106	169128	20.905	ug/l	94
70) Styrene	12.292	104	263826	21.523	ug/l	97
71) Bromoform	12.457	173	77054	22.377	ug/l #	99
73) Isopropylbenzene	12.574	105	423254	18.980	ug/l	99
74) N-amyl acetate	12.380	43	106514	16.671	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.822	83	143641	19.305	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	118836m	19.385	ug/l	
77) Bromobenzene	12.857	156	108184	19.353	ug/l	91
78) n-propylbenzene	12.916	91	446961	19.054	ug/l	98
79) 2-Chlorotoluene	13.004	91	286074	19.017	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	346691	19.622	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.622	75	37402	18.907	ug/l	92
82) 4-Chlorotoluene	13.098	91	263792	18.918	ug/l	98
83) tert-Butylbenzene	13.321	119	313245	19.395	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	338815	19.654	ug/l	100
85) sec-Butylbenzene	13.498	105	410229	19.594	ug/l	100
86) p-Isopropyltoluene	13.610	119	331855	19.879	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	176183	19.783	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	169742	19.536	ug/l	99
89) n-Butylbenzene	13.939	91	221272	17.871	ug/l	100
90) Hexachloroethane	14.204	117	63205	20.683	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	172748	19.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.604	75	21846	18.929	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	73508	18.812	ug/l	99
94) Hexachlorobutadiene	15.363	225	51327	19.905	ug/l	98
95) Naphthalene	15.504	128	181098	17.688	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	73830	19.637	ug/l	99

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

