

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072807.D
 Acq On : 13 Jun 2022 20:31
 Operator : JC\MD
 Sample : VN0613WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01

Quant Time: Jun 14 05:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	144804	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	268965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	274123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	119969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	215361	53.119	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.240%			
35) Dibromofluoromethane	8.016	113	139335	52.016	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.040%			
50) Toluene-d8	10.439	98	554819	51.574	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.727	95	176829	46.514	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	42555	18.810	ug/l	94
3) Chloromethane	2.293	50	49080	21.569	ug/l	99
4) Vinyl Chloride	2.434	62	50207	19.294	ug/l	99
5) Bromomethane	2.840	94	24295	23.245	ug/l	97
6) Chloroethane	3.004	64	36620	21.388	ug/l	99
7) Trichlorofluoromethane	3.363	101	76986	19.039	ug/l	95
8) Diethyl Ether	3.822	74	30982	19.546	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.204	101	41325	18.501	ug/l	87
10) Methyl Iodide	4.410	142	31999	20.802	ug/l #	87
11) Tert butyl alcohol	5.369	59	88658	22.255	ug/l #	85
12) 1,1-Dichloroethene	4.175	96	36984	18.377	ug/l	89
13) Acrolein	4.034	56	17320	88.599	ug/l	99
14) Allyl chloride	4.839	41	88469	18.904	ug/l #	89
15) Acrylonitrile	5.551	53	205375	108.874	ug/l	99
16) Acetone	4.287	43	199876	108.561	ug/l	89
17) Carbon Disulfide	4.522	76	76201	18.310	ug/l	97
18) Methyl Acetate	4.857	43	104859	21.668	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	186733	19.899	ug/l	99
20) Methylene Chloride	5.087	84	53258	20.544	ug/l #	83
21) trans-1,2-Dichloroethene	5.587	96	41402	20.144	ug/l	90
22) Diisopropyl ether	6.492	45	201934	20.605	ug/l	96
23) Vinyl Acetate	6.428	43	909611	102.592	ug/l #	93
24) 1,1-Dichloroethane	6.381	63	102707	20.040	ug/l	99
25) 2-Butanone	7.333	43	321941	111.481	ug/l #	87
26) 2,2-Dichloropropane	7.322	77	73980	15.597	ug/l	93
27) cis-1,2-Dichloroethene	7.322	96	57636	20.157	ug/l	91
28) Bromochloromethane	7.657	49	53857	21.836	ug/l #	71
29) Tetrahydrofuran	7.680	42	197572	110.441	ug/l	89
30) Chloroform	7.810	83	102563	19.270	ug/l	99
31) Cyclohexane	8.098	56	80822	19.471	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	89976	19.116	ug/l	95
36) 1,1-Dichloropropene	8.222	75	68496	18.351	ug/l	94
37) Ethyl Acetate	7.410	43	116795	20.480	ug/l	95
38) Carbon Tetrachloride	8.198	117	72386	18.502	ug/l	97
39) Methylcyclohexane	9.457	83	75230	17.784	ug/l #	88
40) Benzene	8.457	78	218702	19.776	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	57896	21.199	ug/l #	87
42) 1,2-Dichloroethane	8.527	62	97501	20.407	ug/l	93
43) Isopropyl Acetate	8.557	43	180266	20.419	ug/l #	92
44) Trichloroethene	9.210	130	47095	18.717	ug/l	87
45) 1,2-Dichloropropane	9.486	63	61999	19.931	ug/l	98
46) Dibromomethane	9.574	93	42491	20.359	ug/l #	81
47) Bromodichloromethane	9.763	83	86241	19.883	ug/l	96
48) Methyl methacrylate	9.557	41	84898	20.723	ug/l #	81
49) 1,4-Dioxane	9.563	88	32916	470.265	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	640877	109.442	ug/l	90
52) Toluene	10.504	92	137186	19.543	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	87884	19.095	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	92798	18.998	ug/l #	82
55) 1,1,2-Trichloroethane	10.892	97	60415	20.315	ug/l	98
56) Ethyl methacrylate	10.757	69	102831	19.794	ug/l #	77
57) 1,3-Dichloropropane	11.045	76	108524	20.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	236169	107.492	ug/l	91
59) 2-Hexanone	11.080	43	466885	107.636	ug/l	88
60) Dibromochloromethane	11.239	129	60275	19.496	ug/l	99
61) 1,2-Dibromoethane	11.339	107	59910	19.956	ug/l	99
64) Tetrachloroethene	10.980	164	39313	18.736	ug/l	89
65) Chlorobenzene	11.768	112	137954	19.087	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.839	131	56666	20.561	ug/l	98
67) Ethyl Benzene	11.839	91	259087	19.194	ug/l	97
68) m/p-Xylenes	11.951	106	182621	37.830	ug/l	88
69) o-Xylene	12.280	106	94111	19.367	ug/l	90
70) Styrene	12.292	104	146282	18.909	ug/l	93
71) Bromoform	12.457	173	39353	19.632	ug/l #	95
73) Isopropylbenzene	12.574	105	244135	19.965	ug/l	97
74) N-amyl acetate	12.386	43	121408	20.703	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.821	83	95578	22.152	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	81350m	19.757	ug/l	
77) Bromobenzene	12.857	156	48242	19.666	ug/l	65
78) n-propylbenzene	12.915	91	271258	19.923	ug/l	94
79) 2-Chlorotoluene	13.004	91	172607	20.236	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	197845	20.012	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	23480	17.380	ug/l #	79
82) 4-Chlorotoluene	13.104	91	155970	19.626	ug/l	93
83) tert-Butylbenzene	13.321	119	174256	19.784	ug/l	88
84) 1,2,4-Trimethylbenzene	13.368	105	192236	20.250	ug/l	94
85) sec-Butylbenzene	13.498	105	233959	19.838	ug/l	96
86) p-Isopropyltoluene	13.615	119	181460	19.753	ug/l	93
87) 1,3-Dichlorobenzene	13.615	146	82243	19.550	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	79831	19.228	ug/l	94
89) n-Butylbenzene	13.939	91	143730	18.447	ug/l	95
90) Hexachloroethane	14.204	117	38454	19.579	ug/l	72
91) 1,2-Dichlorobenzene	13.986	146	83324	19.999	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.604	75	20852	22.038	ug/l	69
93) 1,2,4-Trichlorobenzene	15.262	180	37702	19.947	ug/l	94
94) Hexachlorobutadiene	15.368	225	17565	19.324	ug/l	98
95) Naphthalene	15.504	128	156527	20.991	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	39581	20.119	ug/l	95

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

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