

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072376.D
 Acq On : 09 May 2022 13:57
 Operator : JC\MD
 Sample : VN0509WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2022
 Supervised By : Mahesh Dadoda 05/10/2022

Quant Time: May 10 06:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	263566	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	440046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	401855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	163983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	194026	47.951	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.900%		
35) Dibromofluoromethane	8.016	113	146063	51.859	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.720%		
50) Toluene-d8	10.433	98	548350	49.547	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.100%		
62) 4-Bromofluorobenzene	12.727	95	190010	51.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	47338	15.909	ug/l	98
3) Chloromethane	2.299	50	54647	15.934	ug/l	96
4) Vinyl Chloride	2.446	62	45597	15.368	ug/l	96
5) Bromomethane	2.834	94	29093	19.099	ug/l	99
6) Chloroethane	3.010	64	28638	15.948	ug/l	98
7) Trichlorofluoromethane	3.375	101	87008	16.785	ug/l	99
8) Diethyl Ether	3.828	74	37116	19.774	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.216	101	50495	18.545	ug/l	97
10) Methyl Iodide	4.422	142	60541	18.318	ug/l	92
11) Tert butyl alcohol	5.357	59	70081	105.392	ug/l	98
12) 1,1-Dichloroethene	4.187	96	45038	17.891	ug/l	95
13) Acrolein	4.040	56	50127	74.908	ug/l	99
14) Allyl chloride	4.840	41	94471	18.075	ug/l	92
15) Acrylonitrile	5.545	53	192653	96.010	ug/l	99
16) Acetone	4.287	43	164840	94.489	ug/l	95
17) Carbon Disulfide	4.534	76	87210	14.981	ug/l	96
18) Methyl Acetate	4.851	43	101904	20.872	ug/l	# 89
19) Methyl tert-butyl Ether	5.610	73	205878	20.865	ug/l	98
20) Methylene Chloride	5.098	84	59853	17.899	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	48376	17.428	ug/l	92
22) Diisopropyl ether	6.492	45	216218	20.084	ug/l	95
23) Vinyl Acetate	6.428	43	909544	100.595	ug/l	95
24) 1,1-Dichloroethane	6.381	63	108746	18.058	ug/l	100
25) 2-Butanone	7.328	43	265371	95.516	ug/l	91
26) 2,2-Dichloropropane	7.322	77	90718	19.285	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	63651	18.810	ug/l	91
28) Bromochloromethane	7.651	49	56996	21.137	ug/l	82
29) Tetrahydrofuran	7.681	42	176435	96.767	ug/l	88
30) Chloroform	7.810	83	113742	18.812	ug/l	95
31) Cyclohexane	8.092	56	89538	16.561	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	97472	18.944	ug/l	99
36) 1,1-Dichloropropene	8.222	75	75414	18.395	ug/l	97
37) Ethyl Acetate	7.410	43	109038	20.027	ug/l	97
38) Carbon Tetrachloride	8.204	117	82129	18.705	ug/l	98
39) Methylcyclohexane	9.457	83	82608	18.016	ug/l	96
40) Benzene	8.457	78	236334	18.585	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	51173	18.579	ug/l	93
42) 1,2-Dichloroethane	8.527	62	94266	19.363	ug/l	99
43) Isopropyl Acetate	8.557	43	164835	19.775	ug/l	96
44) Trichloroethene	9.216	130	58269	19.698	ug/l	97
45) 1,2-Dichloropropane	9.480	63	67304	19.587	ug/l	96
46) Dibromomethane	9.569	93	43843	20.368	ug/l	92
47) Bromodichloromethane	9.757	83	90841	20.113	ug/l	93
48) Methyl methacrylate	9.557	41	79048	21.980	ug/l	93
49) 1,4-Dioxane	9.557	88	27419	434.023	ug/l #	95
51) 4-Methyl-2-Pentanone	10.327	43	539840	105.089	ug/l	93
52) Toluene	10.498	92	150855	19.844	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	95220	20.973	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	102334	20.841	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	66379	20.825	ug/l	92
56) Ethyl methacrylate	10.757	69	102492	19.857	ug/l #	87
57) 1,3-Dichloropropane	11.039	76	113242	20.246	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	118672	91.145	ug/l	94
59) 2-Hexanone	11.080	43	375468	103.741	ug/l	93
60) Dibromochloromethane	11.233	129	68777	21.101	ug/l	100
61) 1,2-Dibromoethane	11.339	107	64701	20.640	ug/l	99
64) Tetrachloroethene	10.974	164	49756	20.569	ug/l	93
65) Chlorobenzene	11.763	112	161817	19.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	63509	20.758	ug/l	99
67) Ethyl Benzene	11.839	91	287128	20.277	ug/l	98
68) m/p-Xylenes	11.951	106	214681	40.828	ug/l	96
69) o-Xylene	12.274	106	109671	21.515	ug/l	98
70) Styrene	12.286	104	172635	21.500	ug/l	98
71) Bromoform	12.451	173	47561	20.902	ug/l #	99
73) Isopropylbenzene	12.574	105	281371	19.428	ug/l	98
74) N-amyl acetate	12.380	43	103060	18.994	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	100069	19.846	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	74992m	19.987	ug/l	
77) Bromobenzene	12.857	156	65606	19.155	ug/l	91
78) n-propylbenzene	12.915	91	302228	18.942	ug/l	98
79) 2-Chlorotoluene	13.004	91	194934	18.601	ug/l	98
80) 1,3,5-Trimethylbenzene	13.051	105	232348	19.263	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	26525	18.703	ug/l	95
82) 4-Chlorotoluene	13.098	91	182679	18.726	ug/l	98
83) tert-Butylbenzene	13.315	119	205076	19.365	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	229681	19.681	ug/l	97
85) sec-Butylbenzene	13.498	105	277608	20.107	ug/l	97
86) p-Isopropyltoluene	13.610	119	221408	20.569	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	111473	20.110	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	110435	20.486	ug/l	96
89) n-Butylbenzene	13.939	91	167130	20.271	ug/l	98
90) Hexachloroethane	14.204	117	40050	17.140	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	111798	20.462	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	17545	17.516	ug/l	88
93) 1,2,4-Trichlorobenzene	15.256	180	44270	19.099	ug/l	96
94) Hexachlorobutadiene	15.362	225	28536	19.491	ug/l	97
95) Naphthalene	15.504	128	125354	17.789	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	46161	20.031	ug/l	96

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

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