

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072260.D
 Acq On : 29 Apr 2022 10:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 30 03:10:40 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	230574	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	367488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	345465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	146415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	185488	52.400	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.800%	
35) Dibromofluoromethane	8.016	113	125859	53.509	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.020%	
50) Toluene-d8	10.439	98	483934	52.360	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.720%	
62) 4-Bromofluorobenzene	12.727	95	179511	58.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 117.040%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	125473	48.546	ug/l	95
3) Chloromethane	2.298	50	117829	40.477	ug/l	97
4) Vinyl Chloride	2.446	62	109123	42.041	ug/l	97
5) Bromomethane	2.834	94	63193	50.900	ug/l	97
6) Chloroethane	3.004	64	68756	46.756	ug/l	99
7) Trichlorofluoromethane	3.369	101	216146	47.665	ug/l	97
8) Diethyl Ether	3.822	74	74361	45.286	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.216	101	113473	47.638	ug/l	96
10) Methyl Iodide	4.416	142	132602	45.861	ug/l	# 82
11) Tert butyl alcohol	5.363	59	126025	216.643	ug/l	99
12) 1,1-Dichloroethene	4.181	96	98840	44.883	ug/l	90
13) Acrolein	4.034	56	117094	200.019	ug/l	98
14) Allyl chloride	4.839	41	188480	41.222	ug/l	95
15) Acrylonitrile	5.545	53	359899	205.021	ug/l	99
16) Acetone	4.275	43	336606	220.557	ug/l	96
17) Carbon Disulfide	4.528	76	222366	42.968	ug/l	98
18) Methyl Acetate	4.851	43	171061	40.086	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	422752	48.974	ug/l	100
20) Methylene Chloride	5.087	84	124056	42.407	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	105524	43.455	ug/l	93
22) Diisopropyl ether	6.492	45	401063	42.584	ug/l	98
23) Vinyl Acetate	6.428	43	1741085	220.117	ug/l	95
24) 1,1-Dichloroethane	6.381	63	232183	44.073	ug/l	99
25) 2-Butanone	7.328	43	494227	203.342	ug/l	94
26) 2,2-Dichloropropane	7.316	77	214737	52.182	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	135578	45.797	ug/l	92
28) Bromochloromethane	7.651	49	100196	42.475	ug/l	83
29) Tetrahydrofuran	7.675	42	314983	197.472	ug/l	93
30) Chloroform	7.810	83	249168	47.107	ug/l	98
31) Cyclohexane	8.092	56	191320	40.450	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	228846	50.840	ug/l	99
36) 1,1-Dichloropropene	8.216	75	170052	49.669	ug/l	95
37) Ethyl Acetate	7.404	43	194952	42.878	ug/l	97
38) Carbon Tetrachloride	8.204	117	198365	54.097	ug/l	96
39) Methylcyclohexane	9.457	83	191161	49.922	ug/l	95
40) Benzene	8.457	78	501631	47.236	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	109322	47.529	ug/l #	83
42) 1,2-Dichloroethane	8.527	62	214769	52.825	ug/l	95
43) Isopropyl Acetate	8.557	43	306017	42.981	ug/l	98
44) Trichloroethene	9.210	130	117023	47.371	ug/l	83
45) 1,2-Dichloropropane	9.486	63	131668	45.884	ug/l	99
46) Dibromomethane	9.569	93	91266	50.770	ug/l	89
47) Bromodichloromethane	9.757	83	199436	52.875	ug/l	97
48) Methyl methacrylate	9.557	41	148766	49.533	ug/l	92
49) 1,4-Dioxane	9.563	88	53217	1008.710	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	988783	230.487	ug/l	96
52) Toluene	10.498	92	322283	50.764	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	207890	54.829	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	216613	52.826	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	130006	48.839	ug/l	97
56) Ethyl methacrylate	10.757	69	212997	45.893	ug/l	89
57) 1,3-Dichloropropane	11.039	76	231151	49.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	267751	216.071	ug/l	95
59) 2-Hexanone	11.080	43	712703	235.798	ug/l	94
60) Dibromochloromethane	11.233	129	146255	53.731	ug/l	100
61) 1,2-Dibromoethane	11.339	107	130889	49.998	ug/l	100
64) Tetrachloroethene	10.974	164	100646	48.399	ug/l	93
65) Chlorobenzene	11.763	112	333954	47.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	135305	51.443	ug/l	96
67) Ethyl Benzene	11.839	91	652760	53.623	ug/l	95
68) m/p-Xylenes	11.945	106	475410	105.171	ug/l	88
69) o-Xylene	12.274	106	233037	53.178	ug/l	88
70) Styrene	12.286	104	382696	55.442	ug/l	94
71) Bromoform	12.451	173	105190	53.774	ug/l #	98
73) Isopropylbenzene	12.574	105	631492	48.834	ug/l	96
74) N-amyl acetate	12.380	43	211738	43.705	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	197004	45.549	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	179517m	52.302	ug/l	
77) Bromobenzene	12.857	156	140053	45.798	ug/l	86
78) n-propylbenzene	12.915	91	720160	50.552	ug/l	96
79) 2-Chlorotoluene	13.004	91	454732	48.597	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	545830	50.683	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.621	75	60280	47.604	ug/l	91
82) 4-Chlorotoluene	13.098	91	432179	49.616	ug/l	94
83) tert-Butylbenzene	13.315	119	471809	49.897	ug/l	92
84) 1,2,4-Trimethylbenzene	13.362	105	532596	51.114	ug/l	93
85) sec-Butylbenzene	13.498	105	642064	52.084	ug/l	97
86) p-Isopropyltoluene	13.609	119	526720	54.805	ug/l	95
87) 1,3-Dichlorobenzene	13.609	146	242099	48.915	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	233767	48.568	ug/l	96
89) n-Butylbenzene	13.939	91	395725	53.756	ug/l	98
90) Hexachloroethane	14.204	117	95231	45.646	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	237338	48.652	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39646	44.329	ug/l	80
93) 1,2,4-Trichlorobenzene	15.256	180	106283	47.268	ug/l	96
94) Hexachlorobutadiene	15.362	225	67722	51.806	ug/l	98
95) Naphthalene	15.498	128	307080	41.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	103805	46.390	ug/l	98

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

