

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071968.D
 Acq On : 12 Apr 2022 21:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 13 04:48:54 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	587498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	914155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	837783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	343596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	300570	44.815	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.620%		
35) Dibromofluoromethane	8.016	113	265974	49.444	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.880%		
50) Toluene-d8	10.439	98	1059260	48.136	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.280%		
62) 4-Bromofluorobenzene	12.727	95	353639	49.690	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	285458	61.117	ug/l	97
3) Chloromethane	2.299	50	310659	52.489	ug/l	100
4) Vinyl Chloride	2.440	62	324880	49.985	ug/l	100
5) Bromomethane	2.828	94	197079	46.645	ug/l	99
6) Chloroethane	3.004	64	190889	40.825	ug/l	100
7) Trichlorofluoromethane	3.369	101	419980	50.788	ug/l	100
8) Diethyl Ether	3.822	74	178118	50.968	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	247657	48.600	ug/l	97
10) Methyl Iodide	4.422	142	370506	52.013	ug/l	99
11) Tert butyl alcohol	5.369	59	256310	235.486	ug/l	99
12) 1,1-Dichloroethene	4.181	96	251603	51.885	ug/l	94
13) Acrolein	4.040	56	270930	204.148	ug/l	98
14) Allyl chloride	4.840	41	375087	47.656	ug/l	95
15) Acrylonitrile	5.551	53	821700	259.727	ug/l	98
16) Acetone	4.281	43	584728	204.000	ug/l	90
17) Carbon Disulfide	4.528	76	633612	56.948	ug/l	98
18) Methyl Acetate	4.851	43	349068	49.153	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	882553	48.990	ug/l	99
20) Methylene Chloride	5.092	84	300790	49.787	ug/l	95
21) trans-1,2-Dichloroethene	5.592	96	267988	50.342	ug/l	98
22) Diisopropyl ether	6.492	45	826518	48.237	ug/l	96
23) Vinyl Acetate	6.428	43	3483707	255.672	ug/l	98
24) 1,1-Dichloroethane	6.386	63	501713	49.878	ug/l	99
25) 2-Butanone	7.328	43	1002167	242.529	ug/l	96
26) 2,2-Dichloropropane	7.322	77	365009	42.241	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	324223	49.667	ug/l	96
28) Bromochloromethane	7.657	49	180011	44.363	ug/l	96
29) Tetrahydrofuran	7.681	42	674060	251.927	ug/l	96
30) Chloroform	7.816	83	512730	48.274	ug/l	100
31) Cyclohexane	8.092	56	454675	49.849	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	441198	48.556	ug/l	97
36) 1,1-Dichloropropene	8.222	75	385060	51.260	ug/l	99
37) Ethyl Acetate	7.410	43	407648	49.579	ug/l	97
38) Carbon Tetrachloride	8.204	117	371864	50.510	ug/l	100
39) Methylcyclohexane	9.457	83	489300	54.719	ug/l	99
40) Benzene	8.457	78	1217964	51.326	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	209832	52.121	ug/l	92
42) 1,2-Dichloroethane	8.528	62	382570	46.605	ug/l	97
43) Isopropyl Acetate	8.557	43	619803	45.321	ug/l	97
44) Trichloroethene	9.216	130	311328	50.924	ug/l	100
45) 1,2-Dichloropropane	9.486	63	296104	49.949	ug/l	100
46) Dibromomethane	9.575	93	202456	50.299	ug/l	97
47) Bromodichloromethane	9.757	83	396653	50.063	ug/l	100
48) Methyl methacrylate	9.557	41	291730	51.417	ug/l	92
49) 1,4-Dioxane	9.563	88	130493	969.017	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	2030800	258.278	ug/l	96
52) Toluene	10.504	92	798609	53.239	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	430832	51.883	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	475153	51.787	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	310901	50.360	ug/l	97
56) Ethyl methacrylate	10.757	69	494175	56.112	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	519307	50.311	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	499842	188.807	ug/l	100
59) 2-Hexanone	11.080	43	1448325	261.626	ug/l	94
60) Dibromochloromethane	11.233	129	322692	53.607	ug/l	100
61) 1,2-Dibromoethane	11.339	107	320013	52.660	ug/l	99
64) Tetrachloroethene	10.974	164	276877	50.048	ug/l	98
65) Chlorobenzene	11.769	112	841050	50.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	301206	49.759	ug/l	100
67) Ethyl Benzene	11.839	91	1482064	52.188	ug/l	98
68) m/p-Xylenes	11.951	106	1141636	104.628	ug/l	99
69) o-Xylene	12.274	106	572952	52.903	ug/l	98
70) Styrene	12.292	104	910639	55.495	ug/l	98
71) Bromoform	12.451	173	252114	54.691	ug/l #	100
73) Isopropylbenzene	12.574	105	1446517	49.959	ug/l	100
74) N-amyl acetate	12.380	43	414869	50.009	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	458578	47.469	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	390159m	49.017	ug/l	
77) Bromobenzene	12.857	156	348018	47.948	ug/l	98
78) n-propylbenzene	12.915	91	1562135	51.290	ug/l	99
79) 2-Chlorotoluene	13.004	91	958481	49.071	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1184687	51.642	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	128374	49.980	ug/l	95
82) 4-Chlorotoluene	13.098	91	886250	48.951	ug/l	100
83) tert-Butylbenzene	13.321	119	1058840	50.493	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1161906	51.910	ug/l	100
85) sec-Butylbenzene	13.498	105	1397801	51.420	ug/l	100
86) p-Isopropyltoluene	13.610	119	1160530	53.543	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	565885	48.937	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	540377	47.900	ug/l	98
89) n-Butylbenzene	13.939	91	834614	51.917	ug/l	100
90) Hexachloroethane	14.204	117	201210	50.712	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	551216	48.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	76259	50.891	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	260743	47.779	ug/l	99
94) Hexachlorobutadiene	15.362	225	152178	45.452	ug/l	98
95) Naphthalene	15.498	128	748413	47.997	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	258895	48.928	ug/l	99

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

