

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071594.D
 Acq On : 27 Mar 2022 00:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 02:23:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	678431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1098565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1009026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	426020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	411482	48.818	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.640%		
35) Dibromofluoromethane	8.016	113	339247	49.137	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.280%		
50) Toluene-d8	10.439	98	1362127	48.913	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.820%		
62) 4-Bromofluorobenzene	12.727	95	459181	50.323	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	322847	45.606	ug/l	98
3) Chloromethane	2.299	50	372127	46.662	ug/l	99
4) Vinyl Chloride	2.440	62	432632	45.317	ug/l	100
5) Bromomethane	2.834	94	267726	53.136	ug/l	96
6) Chloroethane	3.004	64	311775	48.723	ug/l	99
7) Trichlorofluoromethane	3.369	101	509881	46.275	ug/l	99
8) Diethyl Ether	3.822	74	215162	46.845	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	301483	45.670	ug/l	98
10) Methyl Iodide	4.422	142	463885	48.735	ug/l	99
11) Tert butyl alcohol	5.363	59	380426	242.200	ug/l	99
12) 1,1-Dichloroethene	4.181	96	303126	46.624	ug/l	97
13) Acrolein	4.034	56	243207	202.465	ug/l	97
14) Allyl chloride	4.840	41	480800	45.810	ug/l	99
15) Acrylonitrile	5.551	53	1011982	236.978	ug/l	100
16) Acetone	4.281	43	822108	237.953	ug/l	96
17) Carbon Disulfide	4.534	76	734995	43.344	ug/l	97
18) Methyl Acetate	4.851	43	437313	48.257	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1120882	48.203	ug/l	98
20) Methylene Chloride	5.092	84	356878	44.331	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	326048	46.209	ug/l	97
22) Diisopropyl ether	6.486	45	1044247	47.992	ug/l	96
23) Vinyl Acetate	6.428	43	4587235	245.572	ug/l	100
24) 1,1-Dichloroethane	6.386	63	610071	46.278	ug/l	98
25) 2-Butanone	7.328	43	1324539	238.954	ug/l	99
26) 2,2-Dichloropropane	7.322	77	444927	40.341	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	399935	47.540	ug/l	96
28) Bromochloromethane	7.651	49	214238	39.772	ug/l	99
29) Tetrahydrofuran	7.681	42	873507	236.995	ug/l	99
30) Chloroform	7.816	83	628419	47.553	ug/l	99
31) Cyclohexane	8.092	56	537824	44.592	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	553869	48.113	ug/l	99
36) 1,1-Dichloropropene	8.222	75	461391	46.350	ug/l	100
37) Ethyl Acetate	7.404	43	526577	48.531	ug/l	99
38) Carbon Tetrachloride	8.204	117	457702	47.169	ug/l	99
39) Methylcyclohexane	9.457	83	577013	47.247	ug/l	99
40) Benzene	8.457	78	1442936	46.566	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	283178	54.971	ug/l	89
42) 1,2-Dichloroethane	8.528	62	497443	46.025	ug/l	100
43) Isopropyl Acetate	8.557	43	928547	53.563	ug/l	95
44) Trichloroethene	9.210	130	376258	46.778	ug/l	99
45) 1,2-Dichloropropane	9.486	63	356759	46.478	ug/l	99
46) Dibromomethane	9.575	93	245214	46.938	ug/l	99
47) Bromodichloromethane	9.757	83	493909	48.235	ug/l	99
48) Methyl methacrylate	9.557	41	387038	49.410	ug/l	99
49) 1,4-Dioxane	9.563	88	176220	974.942	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2625280	241.672	ug/l	100
52) Toluene	10.504	92	939938	48.465	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	529300	48.072	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	577096	47.529	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	372221	47.342	ug/l	99
56) Ethyl methacrylate	10.757	69	596389	50.320	ug/l	98
57) 1,3-Dichloropropane	11.039	76	629036	47.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	826197	223.000	ug/l	100
59) 2-Hexanone	11.080	43	1954911	249.634	ug/l	99
60) Dibromochloromethane	11.233	129	389722	49.144	ug/l	100
61) 1,2-Dibromoethane	11.339	107	385351	48.579	ug/l	99
64) Tetrachloroethene	10.974	164	321293	46.068	ug/l	98
65) Chlorobenzene	11.768	112	1015859	47.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	371616	49.069	ug/l	99
67) Ethyl Benzene	11.839	91	1785892	48.593	ug/l	99
68) m/p-Xylenes	11.951	106	1381030	98.205	ug/l	100
69) o-Xylene	12.274	106	697900	49.955	ug/l	98
70) Styrene	12.292	104	1107655	50.851	ug/l	100
71) Bromoform	12.451	173	300057	50.375	ug/l	100
73) Isopropylbenzene	12.574	105	1751249	46.626	ug/l	100
74) N-amyl acetate	12.380	43	594827	49.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	573578	51.639	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	502565m	52.903	ug/l	
77) Bromobenzene	12.857	156	430149	45.954	ug/l	98
78) n-propylbenzene	12.915	91	1897670	47.489	ug/l	99
79) 2-Chlorotoluene	13.004	91	1172763	45.481	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1406105	47.426	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	164666	46.407	ug/l	98
82) 4-Chlorotoluene	13.098	91	1102818	46.455	ug/l	99
83) tert-Butylbenzene	13.321	119	1290276	48.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1392672	48.678	ug/l	100
85) sec-Butylbenzene	13.498	105	1699512	47.907	ug/l	99
86) p-Isopropyltoluene	13.610	119	1393433	49.274	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	706629	46.541	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	669994	44.649	ug/l	99
89) n-Butylbenzene	13.939	91	1028995	47.512	ug/l	100
90) Hexachloroethane	14.204	117	256747	46.515	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	681025	46.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	103449	46.579	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	325921	48.327	ug/l	100
94) Hexachlorobutadiene	15.368	225	182276	44.694	ug/l	99
95) Naphthalene	15.504	128	1008687	46.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	328557	49.100	ug/l	99

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

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