

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042522\
 Data File : VN072194.D
 Acq On : 25 Apr 2022 21:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 05:42:27 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	467903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	710939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	685400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	280646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	214132	40.087	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.180%		
35) Dibromofluoromethane	8.016	113	208426	49.821	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.640%		
50) Toluene-d8	10.439	98	816629	47.718	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.727	95	280363	50.655	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	191709	51.537	ug/l	97
3) Chloromethane	2.299	50	194275	41.215	ug/l	99
4) Vinyl Chloride	2.440	62	206900	39.969	ug/l	99
5) Bromomethane	2.816	94	114996	34.174	ug/l	96
6) Chloroethane	2.993	64	131365	35.276	ug/l	98
7) Trichlorofluoromethane	3.357	101	304849	46.288	ug/l	98
8) Diethyl Ether	3.822	74	131851	47.372	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	187866	46.290	ug/l	96
10) Methyl Iodide	4.416	142	276929	48.813	ug/l	99
11) Tert butyl alcohol	5.363	59	223020	257.273	ug/l	98
12) 1,1-Dichloroethene	4.175	96	185310	47.982	ug/l	84
13) Acrolein	4.040	56	79997	75.685	ug/l	98
14) Allyl chloride	4.840	41	250059	39.891	ug/l	91
15) Acrylonitrile	5.551	53	624252	247.750	ug/l	97
16) Acetone	4.287	43	438293	191.995	ug/l	91
17) Carbon Disulfide	4.522	76	411508	46.439	ug/l	99
18) Methyl Acetate	4.851	43	255618	45.069	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	673463	46.938	ug/l	100
20) Methylene Chloride	5.093	84	228183	47.423	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	199031	46.944	ug/l	91
22) Diisopropyl ether	6.492	45	563748	41.311	ug/l #	94
23) Vinyl Acetate	6.428	43	2402853	221.421	ug/l	95
24) 1,1-Dichloroethane	6.381	63	360951	45.056	ug/l	98
25) 2-Butanone	7.328	43	727534	221.069	ug/l	92
26) 2,2-Dichloropropane	7.322	77	272257	39.560	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	252830	48.630	ug/l	90
28) Bromochloromethane	7.657	49	119971	37.123	ug/l #	81
29) Tetrahydrofuran	7.681	42	468743	219.969	ug/l	87
30) Chloroform	7.816	83	389098	45.997	ug/l	97
31) Cyclohexane	8.092	56	300042	41.303	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	327815	45.299	ug/l	96
36) 1,1-Dichloropropene	8.222	75	271592	46.489	ug/l	98
37) Ethyl Acetate	7.410	43	288194	45.070	ug/l	95
38) Carbon Tetrachloride	8.204	117	277458	48.460	ug/l	96
39) Methylcyclohexane	9.457	83	342500	49.251	ug/l	96
40) Benzene	8.457	78	899835	48.759	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	143539	45.846	ug/l	92
42) 1,2-Dichloroethane	8.528	62	274498	42.998	ug/l	94
43) Isopropyl Acetate	8.557	43	468990	44.096	ug/l	96
44) Trichloroethene	9.210	130	239192	50.309	ug/l	96
45) 1,2-Dichloropropane	9.486	63	220425	47.811	ug/l	99
46) Dibromomethane	9.575	93	156988	50.152	ug/l	94
47) Bromodichloromethane	9.757	83	300855	48.826	ug/l	96
48) Methyl methacrylate	9.557	41	208282	47.202	ug/l	87
49) 1,4-Dioxane	9.563	88	114838	1098.365	ug/l	94
51) 4-Methyl-2-Pentanone	10.327	43	1477210	241.574	ug/l	91
52) Toluene	10.504	92	608401	52.153	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	324346	50.224	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	354414	49.669	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	246440	51.329	ug/l	99
56) Ethyl methacrylate	10.757	69	380101	55.496	ug/l #	84
57) 1,3-Dichloropropane	11.039	76	396521	49.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	472172	225.695	ug/l	97
59) 2-Hexanone	11.080	43	1057399	245.607	ug/l	88
60) Dibromochloromethane	11.233	129	260009	55.540	ug/l	99
61) 1,2-Dibromoethane	11.339	107	251247	53.162	ug/l	98
64) Tetrachloroethene	10.975	164	209407	46.268	ug/l	98
65) Chlorobenzene	11.769	112	670883	48.883	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	245034	49.479	ug/l	99
67) Ethyl Benzene	11.839	91	1144202	49.249	ug/l	98
68) m/p-Xylenes	11.951	106	895849	100.356	ug/l	97
69) o-Xylene	12.274	106	452121	51.027	ug/l	96
70) Styrene	12.292	104	722998	53.856	ug/l	98
71) Bromoform	12.451	173	212037	56.224	ug/l #	99
73) Isopropylbenzene	12.574	105	1145726	48.447	ug/l	100
74) N-amyl acetate	12.386	43	296252	43.721	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.821	83	354337	44.905	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	306902m	47.206	ug/l	
77) Bromobenzene	12.857	156	283480	47.816	ug/l	91
78) n-propylbenzene	12.916	91	1203496	48.378	ug/l	98
79) 2-Chlorotoluene	13.004	91	745288	46.715	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	935872	49.946	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	103938	49.543	ug/l	90
82) 4-Chlorotoluene	13.098	91	682752	46.169	ug/l	98
83) tert-Butylbenzene	13.321	119	846159	49.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	914215	50.006	ug/l	100
85) sec-Butylbenzene	13.498	105	1112487	50.104	ug/l	98
86) p-Isopropyltoluene	13.610	119	916209	51.752	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	447900	47.422	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	429360	46.596	ug/l	99
89) n-Butylbenzene	13.939	91	645821	49.184	ug/l	99
90) Hexachloroethane	14.204	117	166393	51.344	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	442365	47.708	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	61221	50.019	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	214813	48.174	ug/l	98
94) Hexachlorobutadiene	15.362	225	128104	46.844	ug/l	99
95) Naphthalene	15.504	128	664436	51.839	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	219456	50.687	ug/l	99

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

