

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075162.D
 Acq On : 03 Nov 2022 22:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 04:13:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	96191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	189457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	176338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	67894	52.385	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.760%			
35) Dibromofluoromethane	8.171	113	55147	49.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.160%			
50) Toluene-d8	10.571	98	214735	49.764	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.853	95	77288	50.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	55902	44.674	ug/l	96
3) Chloromethane	2.371	50	56310	42.366	ug/l	98
4) Vinyl Chloride	2.524	62	84184	44.398	ug/l	99
5) Bromomethane	2.912	94	59538	43.204	ug/l	93
6) Chloroethane	3.071	64	64910	47.739	ug/l	96
7) Trichlorofluoromethane	3.477	101	98645	50.927	ug/l	98
8) Diethyl Ether	3.965	74	35913	50.832	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	52682	49.249	ug/l	98
10) Methyl Iodide	4.583	142	78409	49.236	ug/l	99
11) Tert butyl alcohol	5.553	59	80386	265.962	ug/l	100
12) 1,1-Dichloroethene	4.336	96	50065	49.100	ug/l	98
13) Acrolein	4.189	56	54022	218.518	ug/l	99
14) Allyl chloride	5.024	41	75821	50.914	ug/l	96
15) Acrylonitrile	5.730	53	173103	271.120	ug/l	99
16) Acetone	4.441	43	140991	256.915	ug/l	93
17) Carbon Disulfide	4.712	76	114036	44.473	ug/l	100
18) Methyl Acetate	5.036	43	104310	58.190	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	200123	52.806	ug/l	94
20) Methylene Chloride	5.283	84	62674	51.221	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	55926	50.094	ug/l	98
22) Diisopropyl ether	6.677	45	172646	52.533	ug/l	95
23) Vinyl Acetate	6.612	43	709643m	258.585	ug/l	
24) 1,1-Dichloroethane	6.577	63	107747	51.839	ug/l	100
25) 2-Butanone	7.494	43	231037	267.657	ug/l	99
26) 2,2-Dichloropropane	7.500	77	81977	42.872	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	69795	52.350	ug/l	96
28) Bromochloromethane	7.824	49	45287	51.686	ug/l	98
29) Tetrahydrofuran	7.847	42	151840	272.222	ug/l	100
30) Chloroform	7.971	83	120474	53.385	ug/l	99
31) Cyclohexane	8.259	56	89615	46.490	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	108197	52.796	ug/l	100
36) 1,1-Dichloropropene	8.377	75	83541	48.517	ug/l	100
37) Ethyl Acetate	7.571	43	85323	45.184	ug/l	98
38) Carbon Tetrachloride	8.371	117	94337	49.806	ug/l	94
39) Methylcyclohexane	9.606	83	105733	46.513	ug/l	99
40) Benzene	8.612	78	260314	49.375	ug/l	99

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41) Methacrylonitrile	7.788	41	45597	50.399	ug/l	97
42) 1,2-Dichloroethane	8.677	62	93884	48.946	ug/l	98
43) Isopropyl Acetate	8.694	43	154906	52.885	ug/l	98
44) Trichloroethene	9.359	130	61546	46.530	ug/l	94
45) 1,2-Dichloropropane	9.624	63	65514	52.216	ug/l	95
46) Dibromomethane	9.712	93	48914	50.040	ug/l	97
47) Bromodichloromethane	9.888	83	94249	49.789	ug/l	96
48) Methyl methacrylate	9.682	41	66424	49.436	ug/l	96
49) 1,4-Dioxane	9.700	88	37612	1068.997	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	477624	252.689	ug/l	99
52) Toluene	10.635	92	178741	50.717	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	98184	49.140	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	103600	48.886	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	69462	49.707	ug/l	88
56) Ethyl methacrylate	10.876	69	107862	50.602	ug/l	98
57) 1,3-Dichloropropane	11.165	76	119253	51.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	219658	266.555	ug/l	100
59) 2-Hexanone	11.200	43	368974	257.202	ug/l	100
60) Dibromochloromethane	11.359	129	76950	52.193	ug/l	99
61) 1,2-Dibromoethane	11.470	107	74211	51.820	ug/l	100
64) Tetrachloroethene	11.106	164	51829	47.941	ug/l	98
65) Chlorobenzene	11.894	112	186089	49.439	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	72784	52.127	ug/l	98
67) Ethyl Benzene	11.965	91	338874	50.041	ug/l	98
68) m/p-Xylenes	12.076	106	271624	99.964	ug/l	98
69) o-Xylene	12.400	106	134770	50.153	ug/l	98
70) Styrene	12.412	104	223625	52.191	ug/l	99
71) Bromoform	12.582	173	55615	53.200	ug/l #	99
73) Isopropylbenzene	12.700	105	352013	46.891	ug/l	99
74) N-amyl acetate	12.500	43	132546	47.739	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	117553	54.520	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	89397m	45.027	ug/l	
77) Bromobenzene	12.982	156	80003	48.400	ug/l	99
78) n-propylbenzene	13.041	91	399856	47.442	ug/l	100
79) 2-Chlorotoluene	13.129	91	240659	46.727	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	309263	49.049	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	38570	49.868	ug/l	92
82) 4-Chlorotoluene	13.129	91	240659	46.727	ug/l	99
83) tert-Butylbenzene	13.441	119	269163	48.042	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	312118	48.925	ug/l	100
85) sec-Butylbenzene	13.617	105	382764	48.837	ug/l	99
86) p-Isopropyltoluene	13.735	119	322696	49.854	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	161547	49.916	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	158710	49.551	ug/l	99
89) n-Butylbenzene	14.059	91	259040	49.697	ug/l	99
90) Hexachloroethane	14.335	117	57803	48.705	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	160911	50.012	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25061	49.492	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	71792	51.853	ug/l	100
94) Hexachlorobutadiene	15.506	225	33215	49.211	ug/l	98
95) Naphthalene	15.641	128	278422	52.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	72053	52.377	ug/l	100

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

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