

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113022\
 Data File : VN075513.D
 Acq On : 30 Nov 2022 19:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 01 02:19:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2022
 Supervised By : Mahesh Dadoda 12/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	145758	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	236275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	219868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	39210	50.115	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.171	113	50371	54.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.540%			
50) Toluene-d8	10.571	98	108935	52.110	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.220%			
62) 4-Bromofluorobenzene	12.847	95	84233	54.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	50896	45.665	ug/l	99
3) Chloromethane	2.371	50	60900	43.913	ug/l	96
4) Vinyl Chloride	2.524	62	83430	47.734	ug/l	96
5) Bromomethane	2.918	94	85348	55.530	ug/l	98
6) Chloroethane	3.101	64	67281	50.802	ug/l	95
7) Trichlorofluoromethane	3.495	101	119224	47.748	ug/l	99
8) Diethyl Ether	3.971	74	44612	50.977	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	70086	50.845	ug/l	95
10) Methyl Iodide	4.600	142	110536	49.488	ug/l	96
11) Tert butyl alcohol	5.542	59	78863	240.109	ug/l	98
12) 1,1-Dichloroethene	4.342	96	65146	48.264	ug/l	85
13) Acrolein	4.189	56	96021	335.585	ug/l	99
14) Allyl chloride	5.030	41	85783m	49.132	ug/l	
15) Acrylonitrile	5.730	53	195645	259.633	ug/l	97
16) Acetone	4.442	43	153842	210.801	ug/l	96
17) Carbon Disulfide	4.718	76	139505	39.769	ug/l	100
18) Methyl Acetate	5.036	43	101865	55.510	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	240477	50.292	ug/l	99
20) Methylene Chloride	5.283	84	76952	52.051	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	71421	46.429	ug/l	93
22) Diisopropyl ether	6.683	45	199004	49.947	ug/l	99
23) Vinyl Acetate	6.612	43	806093m	254.305	ug/l	
24) 1,1-Dichloroethane	6.577	63	128052	50.070	ug/l	99
25) 2-Butanone	7.488	43	242681	238.182	ug/l	97
26) 2,2-Dichloropropane	7.494	77	106424	44.776	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	89749	51.597	ug/l	91
28) Bromochloromethane	7.824	49	44817	43.172	ug/l	85
29) Tetrahydrofuran	7.841	42	157421	254.005	ug/l	96
30) Chloroform	7.971	83	145307	49.477	ug/l	99
31) Cyclohexane	8.265	56	107975	43.436	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	135486	50.808	ug/l	97
36) 1,1-Dichloropropene	8.377	75	100171	49.489	ug/l	95
37) Ethyl Acetate	7.565	43	93655	51.386	ug/l	98
38) Carbon Tetrachloride	8.365	117	119930	53.937	ug/l	98
39) Methylcyclohexane	9.606	83	127624	50.379	ug/l	96
40) Benzene	8.612	78	314875	50.809	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	51472	55.240	ug/l	97
42) 1,2-Dichloroethane	8.671	62	107447	51.768	ug/l	95
43) Isopropyl Acetate	8.694	43	184161m	62.951	ug/l	
44) Trichloroethene	9.359	130	85244	50.270	ug/l	90
45) 1,2-Dichloropropane	9.624	63	75964	51.437	ug/l	97
46) Dibromomethane	9.712	93	59797	53.531	ug/l #	90
47) Bromodichloromethane	9.888	83	114752	53.047	ug/l	98
48) Methyl methacrylate	9.682	41	71820	53.093	ug/l	95
49) 1,4-Dioxane	9.700	88	42175	1097.992	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	505176	271.122	ug/l	95
52) Toluene	10.635	92	214102	53.612	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	118773	54.692	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	126040	53.437	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	88063	54.141	ug/l	98
56) Ethyl methacrylate	10.877	69	123785	56.353	ug/l	97
57) 1,3-Dichloropropane	11.165	76	141052	53.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	219274	276.784	ug/l	95
59) 2-Hexanone	11.200	43	380006	271.599	ug/l	95
60) Dibromochloromethane	11.359	129	96307	57.684	ug/l	97
61) 1,2-Dibromoethane	11.471	107	91392	54.135	ug/l	100
64) Tetrachloroethene	11.106	164	78277	46.620	ug/l	85
65) Chlorobenzene	11.894	112	234337	51.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	92885	54.810	ug/l	98
67) Ethyl Benzene	11.965	91	410979	53.053	ug/l	99
68) m/p-Xylenes	12.071	106	334584	106.359	ug/l	100
69) o-Xylene	12.400	106	167541	53.603	ug/l	96
70) Styrene	12.412	104	272475	55.261	ug/l	98
71) Bromoform	12.582	173	76123	59.020	ug/l #	99
73) Isopropylbenzene	12.700	105	429231	50.659	ug/l	98
74) N-amyl acetate	12.500	43	142830	54.832	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	135206	52.341	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	116670m	53.207	ug/l	
77) Bromobenzene	12.982	156	105888	50.621	ug/l	86
78) n-propylbenzene	13.035	91	480375	50.802	ug/l	98
79) 2-Chlorotoluene	13.129	91	290983	51.073	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	372956	52.981	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	41837	56.453	ug/l	98
82) 4-Chlorotoluene	13.129	91	290983	51.073	ug/l	96
83) tert-Butylbenzene	13.441	119	330526	51.498	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	375146	53.129	ug/l	99
85) sec-Butylbenzene	13.618	105	466207	53.534	ug/l	100
86) p-Isopropyltoluene	13.729	119	393965	53.768	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	202282	51.039	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	198567	49.321	ug/l	99
89) n-Butylbenzene	14.059	91	314838	50.875	ug/l	99
90) Hexachloroethane	14.335	117	68638	54.301	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	199958	51.759	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26602	54.364	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	100350	50.688	ug/l	98
94) Hexachlorobutadiene	15.506	225	51273	49.721	ug/l	99
95) Naphthalene	15.641	128	321219	51.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	99588	51.181	ug/l	97

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

