

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111622\
 Data File : VN075287.D
 Acq On : 16 Nov 2022 14:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 17 04:28:18 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2022
 Supervised By : Mahesh Dadoda 11/17/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	140680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	230892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	72031	38.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	76.000%		
35) Dibromofluoromethane	8.171	113	67725	49.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.920%		
50) Toluene-d8	10.571	98	236432	44.959	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.920%		
62) 4-Bromofluorobenzene	12.847	95	93242	50.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	83979	45.888	ug/l	99
3) Chloromethane	2.371	50	77362	39.798	ug/l	99
4) Vinyl Chloride	2.524	62	105567	38.068	ug/l	95
5) Bromomethane	2.918	94	84071	41.528	ug/l	98
6) Chloroethane	3.089	64	77382	38.914	ug/l	94
7) Trichlorofluoromethane	3.483	101	145712	51.437	ug/l	99
8) Diethyl Ether	3.971	74	54475	52.721	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	85346	54.553	ug/l	95
10) Methyl Iodide	4.594	142	131208	56.335	ug/l	95
11) Tert butyl alcohol	5.541	59	95505	216.057	ug/l	98
12) 1,1-Dichloroethene	4.347	96	78338	52.532	ug/l	92
13) Acrolein	4.189	56	66389	183.618	ug/l	97
14) Allyl chloride	5.024	41	108850	49.978	ug/l	94
15) Acrylonitrile	5.730	53	229556	245.838	ug/l	97
16) Acetone	4.436	43	205430	255.955	ug/l	95
17) Carbon Disulfide	4.712	76	185698	49.518	ug/l	99
18) Methyl Acetate	5.036	43	127515	48.639	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	288834	52.112	ug/l	99
20) Methylene Chloride	5.283	84	92563	51.725	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	85918	52.621	ug/l	97
22) Diisopropyl ether	6.677	45	243699	50.703	ug/l	97
23) Vinyl Acetate	6.606	43	978036m	243.680	ug/l	
24) 1,1-Dichloroethane	6.571	63	151031	49.684	ug/l	97
25) 2-Butanone	7.488	43	300220	237.815	ug/l	99
26) 2,2-Dichloropropane	7.494	77	137644	49.220	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	105463	54.087	ug/l	94
28) Bromochloromethane	7.818	49	50128	39.119	ug/l	85
29) Tetrahydrofuran	7.841	42	189182	231.910	ug/l	99
30) Chloroform	7.971	83	167968	50.892	ug/l	96
31) Cyclohexane	8.265	56	134093	47.565	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	155642	51.930	ug/l	97
36) 1,1-Dichloropropene	8.377	75	124732	59.439	ug/l	97
37) Ethyl Acetate	7.565	43	111803	48.581	ug/l	98
38) Carbon Tetrachloride	8.365	117	137935	59.755	ug/l	97
39) Methylcyclohexane	9.600	83	163751	59.109	ug/l	99
40) Benzene	8.606	78	370340	57.638	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	57605	52.246	ug/l	95
42) 1,2-Dichloroethane	8.677	62	127725	54.639	ug/l	96
43) Isopropyl Acetate	8.694	43	188967	52.936	ug/l	97
44) Trichloroethene	9.353	130	100042	62.061	ug/l	99
45) 1,2-Dichloropropane	9.624	63	90416	59.131	ug/l	95
46) Dibromomethane	9.712	93	69332	58.199	ug/l	92
47) Bromodichloromethane	9.888	83	132623	57.488	ug/l	99
48) Methyl methacrylate	9.682	41	86658	52.922	ug/l	96
49) 1,4-Dioxane	9.700	88	49281	1149.295	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	593368	257.588	ug/l	97
52) Toluene	10.629	92	252493	58.787	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	143447	58.910	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	155270	60.120	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	99618	58.494	ug/l	94
56) Ethyl methacrylate	10.876	69	147895	56.932	ug/l	98
57) 1,3-Dichloropropane	11.165	76	163477	57.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	236419	235.409	ug/l	96
59) 2-Hexanone	11.194	43	451941	258.501	ug/l	97
60) Dibromochloromethane	11.359	129	113859	63.369	ug/l	99
61) 1,2-Dibromoethane	11.470	107	106262	60.885	ug/l	100
64) Tetrachloroethene	11.106	164	95772	73.378	ug/l	92
65) Chlorobenzene	11.894	112	274948	60.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	103502	61.400	ug/l	98
67) Ethyl Benzene	11.965	91	491321	60.096	ug/l	99
68) m/p-Xylenes	12.070	106	396680	120.922	ug/l	100
69) o-Xylene	12.400	106	195174	60.161	ug/l	97
70) Styrene	12.412	104	321935	62.236	ug/l	97
71) Bromoform	12.576	173	87083	69.000	ug/l #	98
73) Isopropylbenzene	12.694	105	509270	54.179	ug/l	98
74) N-amyl acetate	12.494	43	172642	49.659	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	154045	57.246	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	129193m	51.967	ug/l	
77) Bromobenzene	12.982	156	124104	59.961	ug/l	87
78) n-propylbenzene	13.035	91	588313	55.746	ug/l	99
79) 2-Chlorotoluene	13.123	91	343971	53.337	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	446171	56.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	49777	51.398	ug/l	93
82) 4-Chlorotoluene	13.123	91	343971	53.337	ug/l	97
83) tert-Butylbenzene	13.441	119	394097	56.177	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	454204	56.860	ug/l	97
85) sec-Butylbenzene	13.617	105	565336	57.606	ug/l	99
86) p-Isopropyltoluene	13.729	119	486004	59.964	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	249011	61.447	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	247913	61.814	ug/l	98
89) n-Butylbenzene	14.059	91	411263	63.012	ug/l	98
90) Hexachloroethane	14.335	117	78681	52.947	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	244470	60.681	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31768	50.104	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	140070	80.796	ug/l	99
94) Hexachlorobutadiene	15.500	225	67795	80.217	ug/l	98
95) Naphthalene	15.641	128	450552	67.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	135654	78.752	ug/l	98

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

