

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075078.D
 Acq On : 31 Oct 2022 11:15
 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 01 06:12:09 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 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	110453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	205567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	194606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	79602	53.488	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.980%			
35) Dibromofluoromethane	8.171	113	64612	53.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.080%			
50) Toluene-d8	10.571	98	258209	55.149	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.300%			
62) 4-Bromofluorobenzene	12.847	95	93248	56.696	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	62379	43.413	ug/l	100
3) Chloromethane	2.371	50	64931	42.544	ug/l	99
4) Vinyl Chloride	2.524	62	98537	45.257	ug/l	97
5) Bromomethane	2.918	94	87377	56.715	ug/l	95
6) Chloroethane	3.101	64	70735	45.306	ug/l	93
7) Trichlorofluoromethane	3.495	101	108671	48.859	ug/l	98
8) Diethyl Ether	3.965	74	38886	47.933	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	59787	48.674	ug/l	99
10) Methyl Iodide	4.595	142	85996	47.027	ug/l	100
11) Tert butyl alcohol	5.536	59	75359	217.136	ug/l #	87
12) 1,1-Dichloroethene	4.348	96	56331	48.112	ug/l	97
13) Acrolein	4.189	56	68504	241.317	ug/l	99
14) Allyl chloride	5.024	41	84602	49.475	ug/l	100
15) Acrylonitrile	5.730	53	176559	240.827	ug/l	100
16) Acetone	4.442	43	168633	267.607	ug/l	97
17) Carbon Disulfide	4.712	76	139780	47.474	ug/l	96
18) Methyl Acetate	5.030	43	97512	47.373	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	219145	50.359	ug/l	97
20) Methylene Chloride	5.283	84	67114	47.767	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	62830	49.011	ug/l	96
22) Diisopropyl ether	6.683	45	192626	51.044	ug/l	99
23) Vinyl Acetate	6.612	43	705646	223.927	ug/l	98
24) 1,1-Dichloroethane	6.577	63	120074	50.310	ug/l	99
25) 2-Butanone	7.489	43	243765	245.938	ug/l	99
26) 2,2-Dichloropropane	7.494	77	114677	52.230	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	76984	50.286	ug/l	99
28) Bromochloromethane	7.818	49	52199	51.883	ug/l	100
29) Tetrahydrofuran	7.841	42	158232	247.052	ug/l	99
30) Chloroform	7.971	83	135012	52.102	ug/l	99
31) Cyclohexane	8.259	56	106359	48.052	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	124373	52.853	ug/l	99
36) 1,1-Dichloropropene	8.377	75	97320	52.090	ug/l	100
37) Ethyl Acetate	7.571	43	97085	47.383	ug/l	99
38) Carbon Tetrachloride	8.365	117	105820	51.490	ug/l	98
39) Methylcyclohexane	9.606	83	127284	51.606	ug/l	95
40) Benzene	8.612	78	293326	51.276	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	50067	51.003	ug/l	98
42) 1,2-Dichloroethane	8.671	62	106151	51.004	ug/l	99
43) Isopropyl Acetate	8.694	43	157089	49.427	ug/l	99
44) Trichloroethene	9.353	130	71548	49.852	ug/l	96
45) 1,2-Dichloropropane	9.624	63	70936	52.106	ug/l	99
46) Dibromomethane	9.712	93	55360	52.196	ug/l	94
47) Bromodichloromethane	9.888	83	107365	52.273	ug/l	96
48) Methyl methacrylate	9.683	41	72454	49.698	ug/l	96
49) 1,4-Dioxane	9.700	88	37059	970.736	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	507827	247.613	ug/l	99
52) Toluene	10.630	92	204693	53.529	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	119842	55.279	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	119256	51.864	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	78165	51.552	ug/l	97
56) Ethyl methacrylate	10.877	69	121200	52.403	ug/l	97
57) 1,3-Dichloropropane	11.165	76	130809	51.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	257452	287.934	ug/l	100
59) 2-Hexanone	11.200	43	391592	251.576	ug/l	100
60) Dibromochloromethane	11.359	129	87345	54.601	ug/l	98
61) 1,2-Dibromoethane	11.471	107	83072	53.462	ug/l	99
64) Tetrachloroethene	11.106	164	64289	53.884	ug/l	93
65) Chlorobenzene	11.894	112	214491	51.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	81109	52.636	ug/l	99
67) Ethyl Benzene	11.965	91	397435	53.179	ug/l	100
68) m/p-Xylenes	12.071	106	322162	107.433	ug/l	98
69) o-Xylene	12.400	106	156627	52.815	ug/l	100
70) Styrene	12.412	104	259872	54.958	ug/l	98
71) Bromoform	12.582	173	62893	54.515	ug/l #	97
73) Isopropylbenzene	12.694	105	408417	49.941	ug/l	99
74) N-amyl acetate	12.494	43	142344	47.062	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	124572	52.925	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	93165m	43.074	ug/l	
77) Bromobenzene	12.982	156	90119	50.047	ug/l	97
78) n-propylbenzene	13.035	91	480994	52.386	ug/l	99
79) 2-Chlorotoluene	13.129	91	278360	49.613	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	360963	52.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	46653	55.369	ug/l	93
82) 4-Chlorotoluene	13.129	91	278360	49.613	ug/l	99
83) tert-Butylbenzene	13.441	119	310249	50.832	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	364310	52.421	ug/l	100
85) sec-Butylbenzene	13.618	105	451893	52.926	ug/l	99
86) p-Isopropyltoluene	13.729	119	383916	54.445	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	181656	51.524	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	179980	51.581	ug/l	99
89) n-Butylbenzene	14.059	91	324642	57.172	ug/l	100
90) Hexachloroethane	14.335	117	66485	51.424	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	177397	50.612	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26314	47.702	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	84610	56.097	ug/l	98
94) Hexachlorobutadiene	15.500	225	38074	51.781	ug/l	99
95) Naphthalene	15.641	128	301733	52.021	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	82251	54.884	ug/l	99

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

