

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075201.D
 Acq On : 08 Nov 2022 10:07
 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 09 01:24:38 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

11/09/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	107326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	194711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	181108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94465	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	71974	49.771	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.540%
35) Dibromofluoromethane	8.165	113	62068	54.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.600%
50) Toluene-d8	10.565	98	233671	52.691	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.847	95	85465	54.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.720%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.136	85	56924	40.771	ug/l	99
3) Chloromethane	2.371	50	56571	38.146	ug/l	99
4) Vinyl Chloride	2.524	62	85936	40.620	ug/l	99
5) Bromomethane	2.918	94	80373	53.402	ug/l	97
6) Chloroethane	3.095	64	62953	41.497	ug/l	98
7) Trichlorofluoromethane	3.489	101	104679	48.436	ug/l	98
8) Diethyl Ether	3.965	74	37400	47.445	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	61389	51.434	ug/l	97
10) Methyl Iodide	4.589	142	81328	45.771	ug/l	99
11) Tert butyl alcohol	5.542	59	70325	208.535	ug/l	100
12) 1,1-Dichloroethene	4.347	96	54428	47.841	ug/l	95
13) Acrolein	4.183	56	61037	221.278	ug/l	99
14) Allyl chloride	5.024	41	78231	47.082	ug/l	98
15) Acrylonitrile	5.724	53	168229	236.150	ug/l	99
16) Acetone	4.436	43	167799	274.042	ug/l	98
17) Carbon Disulfide	4.712	76	120664	42.176	ug/l	98
18) Methyl Acetate	5.036	43	99190	49.593	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	207515	49.076	ug/l	97
20) Methylene Chloride	5.277	84	65155	47.724	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	59458	47.732	ug/l	98
22) Diisopropyl ether	6.677	45	181641	49.536	ug/l	96
23) Vinyl Acetate	6.606	43	722268m	235.880	ug/l	
24) 1,1-Dichloroethane	6.571	63	112742	48.614	ug/l	99
25) 2-Butanone	7.488	43	236145	245.192	ug/l	94
26) 2,2-Dichloropropane	7.494	77	106495	49.916	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	74423	50.030	ug/l	99
28) Bromochloromethane	7.818	49	46329	47.390	ug/l	96
29) Tetrahydrofuran	7.841	42	146096	234.750	ug/l	99
30) Chloroform	7.965	83	130241	51.725	ug/l	96
31) Cyclohexane	8.259	56	96217	44.737	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	117327	51.311	ug/l	98
36) 1,1-Dichloropropene	8.371	75	91611	51.768	ug/l	97
37) Ethyl Acetate	7.571	43	88918	45.817	ug/l	99
38) Carbon Tetrachloride	8.365	117	104363	53.612	ug/l	99
39) Methylcyclohexane	9.600	83	118963	50.921	ug/l	95
40) Benzene	8.606	78	280390	51.748	ug/l	97

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 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	46793	50.326	ug/l	99
42) 1,2-Dichloroethane	8.677	62	98792	50.115	ug/l	98
43) Isopropyl Acetate	8.694	43	143040	47.516	ug/l	97
44) Trichloroethene	9.353	130	71366	52.498	ug/l	99
45) 1,2-Dichloropropane	9.624	63	69102	53.589	ug/l	100
46) Dibromomethane	9.706	93	51835	51.597	ug/l	98
47) Bromodichloromethane	9.888	83	102289	52.578	ug/l	99
48) Methyl methacrylate	9.682	41	68107	49.321	ug/l	96
49) 1,4-Dioxane	9.694	88	37993	1050.688	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	473916	243.962	ug/l	98
52) Toluene	10.629	92	192619	53.180	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	107716	52.456	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	114346	52.501	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	75243	52.391	ug/l	95
56) Ethyl methacrylate	10.876	69	111543	50.917	ug/l	98
57) 1,3-Dichloropropane	11.165	76	127387	53.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	201824	238.305	ug/l	99
59) 2-Hexanone	11.200	43	357710	242.622	ug/l	98
60) Dibromochloromethane	11.359	129	82569	54.493	ug/l	100
61) 1,2-Dibromoethane	11.471	107	78735	53.496	ug/l	99
64) Tetrachloroethene	11.106	164	62636	56.411	ug/l	92
65) Chlorobenzene	11.894	112	199404	51.581	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	78218	54.543	ug/l	98
67) Ethyl Benzene	11.965	91	371952	53.479	ug/l	99
68) m/p-Xylenes	12.070	106	300633	107.726	ug/l	99
69) o-Xylene	12.400	106	146078	52.929	ug/l	98
70) Styrene	12.412	104	241331	54.840	ug/l	99
71) Bromoform	12.576	173	58681	54.655	ug/l #	99
73) Isopropylbenzene	12.694	105	380267	50.142	ug/l	99
74) N-amyl acetate	12.494	43	128954	45.975	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	118865	54.574	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	102074m	50.891	ug/l	
77) Bromobenzene	12.982	156	86477	51.787	ug/l	94
78) n-propylbenzene	13.035	91	443748	52.116	ug/l	100
79) 2-Chlorotoluene	13.123	91	259671	49.908	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	329108	51.667	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	36826	47.131	ug/l	95
82) 4-Chlorotoluene	13.123	91	259671	49.908	ug/l	99
83) tert-Butylbenzene	13.441	119	290329	51.295	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	338948	52.592	ug/l	98
85) sec-Butylbenzene	13.617	105	421974	53.294	ug/l	100
86) p-Isopropyltoluene	13.729	119	358750	54.862	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	178723	54.664	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	175814	54.335	ug/l	99
89) n-Butylbenzene	14.059	91	296450	56.297	ug/l	100
90) Hexachloroethane	14.335	117	62357	52.010	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	172590	53.098	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23973	46.864	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	81652	58.377	ug/l	99
94) Hexachlorobutadiene	15.500	225	38214	56.043	ug/l	99
95) Naphthalene	15.641	128	283020	52.618	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	79657	57.318	ug/l	100

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

