

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
 Data File : VN075199.D
 Acq On : 07 Nov 2022 19:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 01:14:00 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	8.230	168	110651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	189473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74480	49.957	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.920%			
35) Dibromofluoromethane	8.171	113	63212	52.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.580%			
50) Toluene-d8	10.571	98	237298	50.600	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.200%			
62) 4-Bromofluorobenzene	12.847	95	88288	53.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	59338	41.223	ug/l	100
3) Chloromethane	2.371	50	59974	39.226	ug/l	99
4) Vinyl Chloride	2.524	62	86711	39.754	ug/l	94
5) Bromomethane	2.912	94	59550	36.863	ug/l	94
6) Chloroethane	3.077	64	65838	42.094	ug/l	98
7) Trichlorofluoromethane	3.483	101	106469	47.783	ug/l	96
8) Diethyl Ether	3.971	74	38702	47.621	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	59457	48.319	ug/l	98
10) Methyl Iodide	4.589	142	84771	46.275	ug/l	99
11) Tert butyl alcohol	5.553	59	77957	224.220	ug/l	100
12) 1,1-Dichloroethene	4.342	96	54451	46.423	ug/l	99
13) Acrolein	4.189	56	61367	215.789	ug/l	99
14) Allyl chloride	5.030	41	79062	46.152	ug/l	96
15) Acrylonitrile	5.730	53	180240	245.408	ug/l	99
16) Acetone	4.442	43	148468	235.185	ug/l	100
17) Carbon Disulfide	4.712	76	120949	41.005	ug/l	99
18) Methyl Acetate	5.030	43	109513	53.109	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	213326	48.934	ug/l	95
20) Methylene Chloride	5.283	84	65858	46.790	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	59670	46.463	ug/l	95
22) Diisopropyl ether	6.683	45	182739	48.338	ug/l	97
23) Vinyl Acetate	6.612	43	756661m	239.686	ug/l	
24) 1,1-Dichloroethane	6.577	63	116236	48.615	ug/l	99
25) 2-Butanone	7.494	43	239606	241.309	ug/l	100
26) 2,2-Dichloropropane	7.489	77	93501	42.509	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	74970	48.883	ug/l	98
28) Bromochloromethane	7.818	49	49320	48.933	ug/l	95
29) Tetrahydrofuran	7.841	42	159027	247.849	ug/l	99
30) Chloroform	7.971	83	130092	50.113	ug/l	99
31) Cyclohexane	8.259	56	94258	42.509	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	117746	49.947	ug/l	98
36) 1,1-Dichloropropene	8.377	75	90023	48.105	ug/l	98
37) Ethyl Acetate	7.571	43	93755	45.683	ug/l	99
38) Carbon Tetrachloride	8.365	117	104473	50.751	ug/l	98
39) Methylcyclohexane	9.606	83	113315	45.867	ug/l	96
40) Benzene	8.612	78	281514	49.131	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	48844	49.676	ug/l	99
42) 1,2-Dichloroethane	8.677	62	99058	47.518	ug/l	98
43) Isopropyl Acetate	8.694	43	182332	57.276	ug/l	94
44) Trichloroethene	9.359	130	70085	48.753	ug/l	93
45) 1,2-Dichloropropane	9.624	63	70187	51.472	ug/l	97
46) Dibromomethane	9.712	93	51300	48.289	ug/l	98
47) Bromodichloromethane	9.894	83	102260	49.706	ug/l	95
48) Methyl methacrylate	9.682	41	69884	47.857	ug/l	96
49) 1,4-Dioxane	9.700	88	39240	1026.184	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	500438	243.611	ug/l	99
52) Toluene	10.635	92	191140	49.903	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	108128	49.794	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	112263	48.743	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	77505	51.033	ug/l	95
56) Ethyl methacrylate	10.877	69	117746	50.826	ug/l	97
57) 1,3-Dichloropropane	11.165	76	126806	50.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	212178	236.911	ug/l	99
59) 2-Hexanone	11.200	43	380607	244.119	ug/l	99
60) Dibromochloromethane	11.359	129	84631	52.818	ug/l	100
61) 1,2-Dibromoethane	11.471	107	80837	51.938	ug/l	98
64) Tetrachloroethene	11.106	164	57168	49.214	ug/l	97
65) Chlorobenzene	11.894	112	201936	49.930	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	78906	52.594	ug/l	98
67) Ethyl Benzene	11.965	91	363600	49.970	ug/l	97
68) m/p-Xylenes	12.071	106	293357	100.478	ug/l	99
69) o-Xylene	12.400	106	145586	50.422	ug/l	98
70) Styrene	12.412	104	238484	51.801	ug/l	100
71) Bromoform	12.582	173	60090	53.496	ug/l #	98
73) Isopropylbenzene	12.700	105	378740	47.040	ug/l	98
74) N-amyl acetate	12.494	43	137533	46.186	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	123995	53.552	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	93699m	44.002	ug/l	
77) Bromobenzene	12.982	156	86928	49.034	ug/l	96
78) n-propylbenzene	13.035	91	434416	48.057	ug/l	100
79) 2-Chlorotoluene	13.129	91	259481	46.974	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	327425	48.417	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41744	50.322	ug/l	93
82) 4-Chlorotoluene	13.129	91	259481	46.974	ug/l	97
83) tert-Butylbenzene	13.441	119	292325	48.648	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	337268	49.292	ug/l	99
85) sec-Butylbenzene	13.618	105	414367	49.294	ug/l	100
86) p-Isopropyltoluene	13.729	119	351551	50.639	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177649	51.179	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	174993	50.940	ug/l	99
89) n-Butylbenzene	14.059	91	282336	50.503	ug/l	99
90) Hexachloroethane	14.335	117	63340	49.762	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	176365	51.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25815	47.533	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	82084	55.278	ug/l	100
94) Hexachlorobutadiene	15.506	225	37854	52.291	ug/l	98
95) Naphthalene	15.641	128	300041	52.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	82059	55.617	ug/l	98

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

