

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032914.D
 Acq On : 17 Nov 2022 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 01:43:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2022
 Supervised By : Mahesh Dadoda 11/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75142	53.036	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.080%			
35) Dibromofluoromethane	5.385	113	63315	54.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.900%			
50) Toluene-d8	8.647	98	205294	51.240	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.480%			
62) 4-Bromofluorobenzene	11.079	95	87933	56.186	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	49067	41.722	ug/l	100
3) Chloromethane	1.294	50	39608	39.824	ug/l	97
4) Vinyl Chloride	1.374	62	46796	42.753	ug/l	99
5) Bromomethane	1.618	94	39920	45.637	ug/l	98
6) Chloroethane	1.691	64	41884	57.038	ug/l	99
7) Trichlorofluoromethane	1.892	101	99030	47.748	ug/l	99
8) Diethyl Ether	2.136	74	33097	49.244	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	55074	50.311	ug/l	99
10) Methyl Iodide	2.453	142	63165	51.806	ug/l	99
11) Tert butyl alcohol	3.001	59	47008m	227.957	ug/l	
12) 1,1-Dichloroethene	2.319	96	47214	46.171	ug/l	92
13) Acrolein	2.239	56	54992	267.126	ug/l	100
14) Allyl chloride	2.666	41	80060	49.114	ug/l	99
15) Acrylonitrile	3.068	53	131478	234.928	ug/l	99
16) Acetone	2.392	43	112211	217.909	ug/l	96
17) Carbon Disulfide	2.514	76	96902	39.785	ug/l	100
18) Methyl Acetate	2.703	43	86635	51.737	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	193577	53.860	ug/l	99
20) Methylene Chloride	2.788	84	57817	48.970	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	53108	47.712	ug/l	97
22) Diisopropyl ether	3.757	45	192812	54.685	ug/l	91
23) Vinyl Acetate	3.721	43	712833	250.238	ug/l	100
24) 1,1-Dichloroethane	3.611	63	105548	52.043	ug/l	99
25) 2-Butanone	4.562	43	177643	222.668	ug/l	100
26) 2,2-Dichloropropane	4.477	77	83629	51.874	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69321	53.879	ug/l	98
28) Bromochloromethane	4.904	49	34878	48.281	ug/l	98
29) Tetrahydrofuran	5.013	42	114836	225.734	ug/l	98
30) Chloroform	5.099	83	122826	55.193	ug/l	99
31) Cyclohexane	5.477	56	78116	45.473	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	108909	54.537	ug/l	99
36) 1,1-Dichloropropene	5.696	75	78094	48.672	ug/l	99
37) Ethyl Acetate	4.708	43	73411	43.955	ug/l	99
38) Carbon Tetrachloride	5.678	117	92073	51.738	ug/l	98
39) Methylcyclohexane	7.385	83	85343	44.956	ug/l	98
40) Benzene	6.037	78	231290	50.940	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43697	51.360	ug/l	96
42) 1,2-Dichloroethane	6.086	62	99442	53.577	ug/l	99
43) Isopropyl Acetate	6.336	43	127299	49.642	ug/l	99
44) Trichloroethene	7.123	130	65476	51.226	ug/l	98
45) 1,2-Dichloropropane	7.434	63	62638	53.741	ug/l	98
46) Dibromomethane	7.580	93	46168	51.650	ug/l	99
47) Bromodichloromethane	7.824	83	96608	57.025	ug/l	96
48) Methyl methacrylate	7.690	41	65641	49.563	ug/l	99
49) 1,4-Dioxane	7.708	88	21902	867.765	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	393983	243.919	ug/l	99
52) Toluene	8.720	92	153616	51.856	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	96085	55.588	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	100569	54.397	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	67910	54.434	ug/l	99
56) Ethyl methacrylate	9.116	69	97265	54.177	ug/l	99
57) 1,3-Dichloropropane	9.311	76	107138	53.179	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	224763	260.000	ug/l	98
59) 2-Hexanone	9.433	43	283078	236.191	ug/l	99
60) Dibromochloromethane	9.519	129	78188	57.379	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69723	52.745	ug/l	99
64) Tetrachloroethene	9.275	164	55118	51.107	ug/l	97
65) Chlorobenzene	10.079	112	175114	53.055	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	70604	56.837	ug/l	99
67) Ethyl Benzene	10.195	91	315469	53.448	ug/l	99
68) m/p-Xylenes	10.299	106	243066	106.054	ug/l	99
69) o-Xylene	10.640	106	120206	53.943	ug/l	100
70) Styrene	10.653	104	204672	55.266	ug/l	99
71) Bromoform	10.799	173	55453	56.460	ug/l #	99
73) Isopropylbenzene	10.963	105	330317	52.150	ug/l	100
74) N-amyl acetate	10.842	43	117261	48.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	100610	49.485	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89824m	50.511	ug/l	
77) Bromobenzene	11.201	156	81008	52.167	ug/l	99
78) n-propylbenzene	11.305	91	375708	51.483	ug/l	100
79) 2-Chlorotoluene	11.366	91	227250	51.997	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	284950	52.637	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26312	47.081	ug/l	98
82) 4-Chlorotoluene	11.457	91	266382	52.089	ug/l	99
83) tert-Butylbenzene	11.713	119	285234	52.776	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	281087	52.206	ug/l	100
85) sec-Butylbenzene	11.890	105	339091	52.142	ug/l	99
86) p-Isopropyltoluene	12.012	119	287493	52.099	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	154307	52.679	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	153393	50.477	ug/l	99
89) n-Butylbenzene	12.335	91	241673	50.341	ug/l	99
90) Hexachloroethane	12.536	117	47821	53.056	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	152179	52.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20169	45.245	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	93364	49.576	ug/l	99
94) Hexachlorobutadiene	13.725	225	39245	49.897	ug/l	99
95) Naphthalene	13.774	128	302075	48.138	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94366	49.294	ug/l	99

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

