

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031428.D
 Acq On : 16 Sep 2022 22:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 17 02:50:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	49969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	76583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49114	40.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.080%		
35) Dibromofluoromethane	5.385	113	41630	50.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.140%		
50) Toluene-d8	8.653	98	155387	50.320	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.640%		
62) 4-Bromofluorobenzene	11.079	95	53875	47.643	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	22059	40.885	ug/l	98
3) Chloromethane	1.288	50	33473	45.100	ug/l	100
4) Vinyl Chloride	1.374	62	40493	46.380	ug/l	99
5) Bromomethane	1.612	94	55759	85.163	ug/l	98
6) Chloroethane	1.685	64	62812	90.635	ug/l	95
7) Trichlorofluoromethane	1.886	101	97766	61.088	ug/l	95
8) Diethyl Ether	2.136	74	34869	53.507	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	34111	45.073	ug/l	92
10) Methyl Iodide	2.447	142	26993	33.729	ug/l	98
11) Tert butyl alcohol	2.995	59	52202	196.605	ug/l	97
12) 1,1-Dichloroethene	2.319	96	33055	47.381	ug/l	92
13) Acrolein	2.239	56	19212	135.739	ug/l	98
14) Allyl chloride	2.666	41	52315	33.944	ug/l	94
15) Acrylonitrile	3.069	53	112536	198.934	ug/l	99
16) Acetone	2.392	43	95055	181.541	ug/l	96
17) Carbon Disulfide	2.514	76	73600	44.191	ug/l	100
18) Methyl Acetate	2.709	43	58742	37.833	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	131917	40.832	ug/l	98
20) Methylene Chloride	2.788	84	39482	47.986	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	37698	48.023	ug/l	95
22) Diisopropyl ether	3.764	45	130707	40.528	ug/l	94
23) Vinyl Acetate	3.727	43	562065	209.705	ug/l	98
24) 1,1-Dichloroethane	3.611	63	71029	41.965	ug/l	96
25) 2-Butanone	4.562	43	162939	188.662	ug/l	99
26) 2,2-Dichloropropane	4.477	77	50716	31.583	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	46369	45.123	ug/l	90
28) Bromochloromethane	4.904	49	31063	39.374	ug/l	91
29) Tetrahydrofuran	5.013	42	106445	198.975	ug/l	97
30) Chloroform	5.099	83	79208	44.193	ug/l	96
31) Cyclohexane	5.477	56	57715	43.800	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	70215	43.721	ug/l	100
36) 1,1-Dichloropropene	5.696	75	54285	48.178	ug/l	98
37) Ethyl Acetate	4.721	43	63405	42.821	ug/l	99
38) Carbon Tetrachloride	5.684	117	60797	49.639	ug/l	99
39) Methylcyclohexane	7.385	83	60543	48.791	ug/l	93
40) Benzene	6.038	78	161761	49.994	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	33432	41.678	ug/l	95
42) 1,2-Dichloroethane	6.086	62	62497	47.886	ug/l	98
43) Isopropyl Acetate	6.342	43	106837	42.270	ug/l	99
44) Trichloroethene	7.129	130	45884	55.620	ug/l	91
45) 1,2-Dichloropropane	7.434	63	41747	47.129	ug/l	95
46) Dibromomethane	7.586	93	32536	51.794	ug/l	94
47) Bromodichloromethane	7.824	83	62767	48.039	ug/l	98
48) Methyl methacrylate	7.696	41	47229	41.048	ug/l	92
49) 1,4-Dioxane	7.696	88	22616	980.138	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	355984	231.715	ug/l	99
52) Toluene	8.720	92	110540	54.007	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65277	44.395	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	68819	45.545	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	48038	53.167	ug/l	98
56) Ethyl methacrylate	9.116	69	69854	47.759	ug/l	95
57) 1,3-Dichloropropane	9.311	76	77537	49.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	146748	215.336	ug/l	95
59) 2-Hexanone	9.433	43	274133	233.792	ug/l	100
60) Dibromochloromethane	9.525	129	50872	52.226	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50113	54.053	ug/l	98
64) Tetrachloroethene	9.275	164	43672	55.385	ug/l	94
65) Chlorobenzene	10.080	112	122646	53.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46064	51.186	ug/l	97
67) Ethyl Benzene	10.195	91	216214	52.262	ug/l	100
68) m/p-Xylenes	10.305	106	170913	108.799	ug/l	99
69) o-Xylene	10.640	106	84569	53.003	ug/l	97
70) Styrene	10.659	104	143550	55.327	ug/l	98
71) Bromoform	10.799	173	37441	52.260	ug/l #	100
73) Isopropylbenzene	10.964	105	225174	47.541	ug/l	99
74) N-amyl acetate	10.842	43	98618	41.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	77640	45.613	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68321m	42.278	ug/l	
77) Bromobenzene	11.201	156	54041	50.040	ug/l	95
78) n-propylbenzene	11.305	91	260763	46.912	ug/l	99
79) 2-Chlorotoluene	11.366	91	151794	44.630	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	192187	48.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20979	35.922	ug/l	94
82) 4-Chlorotoluene	11.457	91	181620	46.588	ug/l	99
83) tert-Butylbenzene	11.720	119	189747	47.793	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	190294	48.248	ug/l	98
85) sec-Butylbenzene	11.890	105	240361	48.349	ug/l	99
86) p-Isopropyltoluene	12.012	119	201398	49.714	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105646	51.310	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110485	52.210	ug/l	98
89) n-Butylbenzene	12.335	91	174886	48.683	ug/l	98
90) Hexachloroethane	12.543	117	35752	44.192	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	108714	51.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17029	43.376	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	62495	55.057	ug/l	97
94) Hexachlorobutadiene	13.725	225	22784	51.420	ug/l	100
95) Naphthalene	13.774	128	230936	50.076	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64202	52.817	ug/l	98

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

