

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033900.D
 Acq On : 25 Jan 2023 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 26 06:04:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/26/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78833	46.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.760%		
35) Dibromofluoromethane	5.385	113	73743	51.638	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.280%		
50) Toluene-d8	8.647	98	257764	49.539	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.079	95	94479	48.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56886	44.596	ug/l	100
3) Chloromethane	1.294	50	68545	48.648	ug/l	98
4) Vinyl Chloride	1.374	62	70855	51.817	ug/l	99
5) Bromomethane	1.611	94	33380	42.486	ug/l	100
6) Chloroethane	1.685	64	44635	52.799	ug/l	98
7) Trichlorofluoromethane	1.886	101	110534	49.846	ug/l	96
8) Diethyl Ether	2.130	74	44502	61.290	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	66182	51.762	ug/l	94
10) Methyl Iodide	2.453	142	96119	53.610	ug/l	92
11) Tert butyl alcohol	2.959	59	70090m	237.394	ug/l	
12) 1,1-Dichloroethene	2.319	96	65747	50.058	ug/l	88
13) Acrolein	2.233	56	104369	383.127	ug/l	100
14) Allyl chloride	2.666	41	116475	47.018	ug/l	89
15) Acrylonitrile	3.062	53	196431	252.798	ug/l	99
16) Acetone	2.380	43	161844	262.658	ug/l	91
17) Carbon Disulfide	2.514	76	143443	43.404	ug/l	100
18) Methyl Acetate	2.703	43	129886	54.760	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	228103	50.004	ug/l	99
20) Methylene Chloride	2.788	84	75055	50.831	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	71230	46.391	ug/l	96
22) Diisopropyl ether	3.757	45	237729	47.697	ug/l	95
23) Vinyl Acetate	3.721	43	883174	235.382	ug/l	98
24) 1,1-Dichloroethane	3.611	63	129772	47.589	ug/l	99
25) 2-Butanone	4.550	43	261081	235.107	ug/l	97
26) 2,2-Dichloropropane	4.471	77	86748	44.411	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	85860	48.639	ug/l	96
28) Bromochloromethane	4.897	49	60990	49.101	ug/l	94
29) Tetrahydrofuran	5.001	42	172363	246.270	ug/l	99
30) Chloroform	5.093	83	134012	47.982	ug/l	99
31) Cyclohexane	5.471	56	109844	43.921	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	113280	47.505	ug/l	99
36) 1,1-Dichloropropene	5.690	75	96185	46.149	ug/l	98
37) Ethyl Acetate	4.708	43	100551	50.595	ug/l	99
38) Carbon Tetrachloride	5.678	117	103191	47.804	ug/l	99
39) Methylcyclohexane	7.379	83	113859	44.237	ug/l	96
40) Benzene	6.038	78	293938	48.385	ug/l	99

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41) Methacrylonitrile	4.916	41	60636	52.794	ug/l	97
42) 1,2-Dichloroethane	6.086	62	100586	46.722	ug/l	98
43) Isopropyl Acetate	6.336	43	159158	48.372	ug/l	98
44) Trichloroethene	7.129	130	87077	51.258	ug/l	97
45) 1,2-Dichloropropane	7.428	63	76438	50.228	ug/l	99
46) Dibromomethane	7.580	93	53315	50.157	ug/l	97
47) Bromodichloromethane	7.824	83	103936	50.737	ug/l	100
48) Methyl methacrylate	7.690	41	83056	50.111	ug/l	96
49) 1,4-Dioxane	7.677	88	32353	882.456	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	517013	255.854	ug/l	98
52) Toluene	8.720	92	190755	48.623	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	104869	51.189	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117306	51.102	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	80304	51.712	ug/l	99
56) Ethyl methacrylate	9.116	69	116309	53.220	ug/l	97
57) 1,3-Dichloropropane	9.305	76	130300	51.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	279074	259.287	ug/l	98
59) 2-Hexanone	9.427	43	372405	264.781	ug/l	98
60) Dibromochloromethane	9.519	129	87853	54.569	ug/l	98
61) 1,2-Dibromoethane	9.610	107	84354	54.429	ug/l	99
64) Tetrachloroethene	9.275	164	79117	55.629	ug/l	97
65) Chlorobenzene	10.079	112	214238	51.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	83087	53.821	ug/l	99
67) Ethyl Benzene	10.195	91	364175	50.564	ug/l	100
68) m/p-Xylenes	10.299	106	288272	102.330	ug/l	99
69) o-Xylene	10.640	106	142062	50.850	ug/l	100
70) Styrene	10.653	104	235750	51.887	ug/l	99
71) Bromoform	10.799	173	69221	53.510	ug/l #	99
73) Isopropylbenzene	10.963	105	370581	53.875	ug/l	99
74) N-amyl acetate	10.842	43	132314	48.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113361	56.609	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	102393m	53.119	ug/l	
77) Bromobenzene	11.195	156	100335	54.047	ug/l	98
78) n-propylbenzene	11.305	91	409837	47.874	ug/l	99
79) 2-Chlorotoluene	11.366	91	245106	53.189	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	303921	48.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31203	50.309	ug/l	100
82) 4-Chlorotoluene	11.451	91	277403	52.560	ug/l	99
83) tert-Butylbenzene	11.713	119	314710	50.208	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	304075	50.920	ug/l	100
85) sec-Butylbenzene	11.890	105	381931	50.943	ug/l	99
86) p-Isopropyltoluene	12.006	119	334511	52.115	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	182685	51.535	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	182807	50.623	ug/l	99
89) n-Butylbenzene	12.335	91	265489	50.559	ug/l	100
90) Hexachloroethane	12.536	117	54324	51.451	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	177272	51.823	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22356	52.221	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	125432	54.436	ug/l	100
94) Hexachlorobutadiene	13.725	225	56806	50.328	ug/l	99
95) Naphthalene	13.774	128	368817	55.636	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	125989	54.645	ug/l	99

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

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