

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061223\
 Data File : VX036129.D
 Acq On : 12 Jun 2023 17:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2023
 Supervised By : Mahesh Dadoda 06/13/2023

Quant Time: Jun 13 04:51:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	302480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153791	57.959	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.920%			
35) Dibromofluoromethane	5.385	113	106600	52.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.800%			
50) Toluene-d8	8.647	98	365848	50.105	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.220%			
62) 4-Bromofluorobenzene	11.079	95	154235	53.510	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	85880	48.103	ug/l	99
3) Chloromethane	1.295	50	89715	43.964	ug/l	99
4) Vinyl Chloride	1.374	62	86437	45.093	ug/l	99
5) Bromomethane	1.618	94	52955	41.945	ug/l	95
6) Chloroethane	1.691	64	56612	50.157	ug/l	98
7) Trichlorofluoromethane	1.886	101	128648	47.695	ug/l	98
8) Diethyl Ether	2.130	74	62269	53.157	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	84156	50.271	ug/l	99
10) Methyl Iodide	2.453	142	83247	42.244	ug/l	98
11) Tert butyl alcohol	3.032	59	137484m	291.753	ug/l	
12) 1,1-Dichloroethene	2.319	96	77442	47.240	ug/l	96
13) Acrolein	2.240	56	126142	277.898	ug/l	98
14) Allyl chloride	2.666	41	172393	51.156	ug/l	99
15) Acrylonitrile	3.075	53	329112	297.254	ug/l	100
16) Acetone	2.404	43	301216	275.157	ug/l	99
17) Carbon Disulfide	2.514	76	153368	37.336	ug/l	99
18) Methyl Acetate	2.709	43	271056	63.691	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	371635	57.873	ug/l	99
20) Methylene Chloride	2.788	84	105998	50.267	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	86598	46.211	ug/l	97
22) Diisopropyl ether	3.758	45	374771	57.176	ug/l	93
23) Vinyl Acetate	3.721	43	1399513	303.898	ug/l	99
24) 1,1-Dichloroethane	3.605	63	194217	53.422	ug/l	99
25) 2-Butanone	4.574	43	470039	299.995	ug/l	99
26) 2,2-Dichloropropane	4.477	77	156085	56.326	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	113645	50.529	ug/l	99
28) Bromochloromethane	4.898	49	101064	53.086	ug/l	97
29) Tetrahydrofuran	5.013	42	303359	300.451	ug/l	100
30) Chloroform	5.093	83	207332	55.368	ug/l	98
31) Cyclohexane	5.471	56	135878	48.908	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	170025	53.732	ug/l	99
36) 1,1-Dichloropropene	5.696	75	129862	47.873	ug/l	99
37) Ethyl Acetate	4.721	43	192006	63.557	ug/l	99
38) Carbon Tetrachloride	5.678	117	137158	51.885	ug/l	97
39) Methylcyclohexane	7.379	83	127107	44.910	ug/l	99
40) Benzene	6.038	78	400170	49.153	ug/l	99

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41) Methacrylonitrile	4.922	41	108407	63.256	ug/l	98
42) 1,2-Dichloroethane	6.086	62	186952	57.987	ug/l	100
43) Isopropyl Acetate	6.342	43	307016	61.806	ug/l	99
44) Trichloroethene	7.123	130	98603	46.688	ug/l	98
45) 1,2-Dichloropropane	7.428	63	113624	53.026	ug/l	99
46) Dibromomethane	7.580	93	80340	53.973	ug/l	99
47) Bromodichloromethane	7.824	83	160112	57.183	ug/l	98
48) Methyl methacrylate	7.696	41	153520	63.021	ug/l	99
49) 1,4-Dioxane	7.745	88	58646	1051.177	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	954556	314.814	ug/l	100
52) Toluene	8.720	92	257912	50.389	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	173238	58.529	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	181830	55.631	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	115502	54.162	ug/l	98
56) Ethyl methacrylate	9.116	69	189694	59.498	ug/l	99
57) 1,3-Dichloropropane	9.305	76	199735	54.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	493486	295.401	ug/l	100
59) 2-Hexanone	9.433	43	707259	315.504	ug/l	99
60) Dibromochloromethane	9.519	129	115474	55.780	ug/l	100
61) 1,2-Dibromoethane	9.610	107	121726	55.835	ug/l	100
64) Tetrachloroethene	9.275	164	74718	41.961	ug/l	99
65) Chlorobenzene	10.080	112	280876	49.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	109134	54.271	ug/l	98
67) Ethyl Benzene	10.195	91	498833	49.022	ug/l	100
68) m/p-Xylenes	10.299	106	372949	96.608	ug/l	99
69) o-Xylene	10.640	106	191891	49.465	ug/l	96
70) Styrene	10.653	104	319354	50.948	ug/l	99
71) Bromoform	10.799	173	75548	54.246	ug/l #	99
73) Isopropylbenzene	10.964	105	479889	50.382	ug/l	99
74) N-amyl acetate	10.842	43	253071	60.957	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	180122	55.282	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	158093m	53.477	ug/l	
77) Bromobenzene	11.195	156	116670	49.532	ug/l	100
78) n-propylbenzene	11.305	91	555802	51.700	ug/l	99
79) 2-Chlorotoluene	11.366	91	359610	51.363	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	415532	51.744	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53483	60.937	ug/l	98
82) 4-Chlorotoluene	11.451	91	410148	51.040	ug/l	99
83) tert-Butylbenzene	11.713	119	393035	51.229	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	419693	50.924	ug/l	100
85) sec-Butylbenzene	11.890	105	460381	50.590	ug/l	99
86) p-Isopropyltoluene	12.006	119	389233	50.028	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	210660	48.823	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	212130	46.670	ug/l	99
89) n-Butylbenzene	12.329	91	327096	49.763	ug/l	100
90) Hexachloroethane	12.536	117	63034	51.091	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	205988	47.957	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42036	62.516	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	113300	45.328	ug/l	98
94) Hexachlorobutadiene	13.725	225	39055	41.074	ug/l	98
95) Naphthalene	13.774	128	453609	52.140	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	114614	46.485	ug/l	99

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

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