

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034762.D
 Acq On : 27 Mar 2023 20:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 28 03:25:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	273332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	206236	51.865	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.720%			
35) Dibromofluoromethane	5.385	113	157975	51.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.647	98	558588	48.828	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.660%			
62) 4-Bromofluorobenzene	11.079	95	225367	48.771	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	136389	53.525	ug/l	99
3) Chloromethane	1.294	50	165983	42.813	ug/l	99
4) Vinyl Chloride	1.374	62	167409	48.250	ug/l	96
5) Bromomethane	1.611	94	104435	59.656	ug/l	100
6) Chloroethane	1.685	64	107949	54.036	ug/l	97
7) Trichlorofluoromethane	1.886	101	272875	52.341	ug/l	98
8) Diethyl Ether	2.130	74	99503	52.283	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	149380	49.166	ug/l	99
10) Methyl Iodide	2.453	142	182018	45.630	ug/l	96
11) Tert butyl alcohol	2.977	59	200934m	242.656	ug/l	
12) 1,1-Dichloroethene	2.319	96	142815	47.728	ug/l	95
13) Acrolein	2.233	56	133084	203.158	ug/l	97
14) Allyl chloride	2.666	41	290873	47.948	ug/l	96
15) Acrylonitrile	3.062	53	458276	256.197	ug/l	99
16) Acetone	2.386	43	397888	212.423	ug/l	99
17) Carbon Disulfide	2.514	76	354536	42.102	ug/l	99
18) Methyl Acetate	2.703	43	335447	54.808	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	553644	51.676	ug/l	98
20) Methylene Chloride	2.788	84	169983	46.759	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	158892	50.001	ug/l	98
22) Diisopropyl ether	3.757	45	590072	51.017	ug/l	94
23) Vinyl Acetate	3.721	43	2234880	253.888	ug/l	99
24) 1,1-Dichloroethane	3.611	63	315797	50.792	ug/l	99
25) 2-Butanone	4.556	43	657330	245.260	ug/l	99
26) 2,2-Dichloropropane	4.477	77	256578	47.475	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	191509	50.062	ug/l	99
28) Bromochloromethane	4.898	49	123342	42.665	ug/l	99
29) Tetrahydrofuran	5.001	42	423857	256.292	ug/l	99
30) Chloroform	5.093	83	320056	52.515	ug/l	98
31) Cyclohexane	5.471	56	275741	49.445	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	283485	52.543	ug/l	100
36) 1,1-Dichloropropene	5.690	75	237463	50.450	ug/l	99
37) Ethyl Acetate	4.709	43	265940	51.718	ug/l	99
38) Carbon Tetrachloride	5.678	117	233661	49.901	ug/l	98
39) Methylcyclohexane	7.379	83	259742	46.112	ug/l	94
40) Benzene	6.038	78	679528	49.351	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	147682	52.405	ug/l	98
42) 1,2-Dichloroethane	6.086	62	272557	53.860	ug/l	98
43) Isopropyl Acetate	6.336	43	452675	51.965	ug/l	100
44) Trichloroethene	7.123	130	176550	49.348	ug/l	98
45) 1,2-Dichloropropane	7.428	63	182986	50.896	ug/l	97
46) Dibromomethane	7.580	93	123900	50.690	ug/l	98
47) Bromodichloromethane	7.824	83	239568	50.643	ug/l	99
48) Methyl methacrylate	7.690	41	217256	51.856	ug/l	98
49) 1,4-Dioxane	7.696	88	82940	942.529	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1320406	261.290	ug/l	99
52) Toluene	8.720	92	430074	50.450	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	269934	50.650	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	289483	50.206	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	176157	52.069	ug/l	98
56) Ethyl methacrylate	9.116	69	289099	52.045	ug/l	99
57) 1,3-Dichloropropane	9.305	76	302986	50.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	654518	228.636	ug/l	100
59) 2-Hexanone	9.427	43	992473	254.066	ug/l	99
60) Dibromochloromethane	9.519	129	178425	50.285	ug/l	99
61) 1,2-Dibromoethane	9.610	107	183860	50.362	ug/l	100
64) Tetrachloroethene	9.275	164	148843	53.566	ug/l	97
65) Chlorobenzene	10.079	112	452986	49.910	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	167150	50.566	ug/l	99
67) Ethyl Benzene	10.195	91	834161	51.339	ug/l	99
68) m/p-Xylenes	10.299	106	629521	100.859	ug/l	98
69) o-Xylene	10.640	106	312222	49.846	ug/l	99
70) Styrene	10.653	104	517880	51.246	ug/l	100
71) Bromoform	10.799	173	122139	48.001	ug/l #	100
73) Isopropylbenzene	10.963	105	811830	50.299	ug/l	100
74) N-amyl acetate	10.842	43	395661	51.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	267743	49.712	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	227237m	47.391	ug/l	
77) Bromobenzene	11.195	156	191979	49.577	ug/l	99
78) n-propylbenzene	11.305	91	949359	50.931	ug/l	99
79) 2-Chlorotoluene	11.366	91	581322	50.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	683926	50.520	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	81284	45.860	ug/l	94
82) 4-Chlorotoluene	11.451	91	680731	51.337	ug/l	100
83) tert-Butylbenzene	11.713	119	659504	48.317	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	694726	50.213	ug/l	99
85) sec-Butylbenzene	11.890	105	804970	48.240	ug/l	100
86) p-Isopropyltoluene	12.006	119	680192	48.501	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	371334	48.942	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	373451	48.678	ug/l	100
89) n-Butylbenzene	12.329	91	590287	47.346	ug/l	99
90) Hexachloroethane	12.536	117	114643	44.178	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	360149	49.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62523	51.095	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	223474	48.737	ug/l	99
94) Hexachlorobutadiene	13.725	225	87376	47.300	ug/l	99
95) Naphthalene	13.774	128	788023	51.250	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	215360	48.048	ug/l	99

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

