

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037328.D
 Acq On : 29 Aug 2023 08:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 29 09:07:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/29/2023
 Supervised By : Semsettin Yesilyurt 08/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92127	61.285	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 122.560%#			
35) Dibromofluoromethane	5.385	113	78024	57.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.300%			
50) Toluene-d8	8.647	98	263440	53.663	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.320%			
62) 4-Bromofluorobenzene	11.079	95	111612	57.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	58639	48.412	ug/l	100
3) Chloromethane	1.294	50	72409	68.332	ug/l	100
4) Vinyl Chloride	1.374	62	67685	58.681	ug/l	98
5) Bromomethane	1.593	94	31251	54.393	ug/l	100
6) Chloroethane	1.672	64	39696	58.484	ug/l	98
7) Trichlorofluoromethane	1.874	101	95683	50.641	ug/l	100
8) Diethyl Ether	2.136	74	48231	65.980	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	50266	45.603	ug/l	96
10) Methyl Iodide	2.447	142	84438	63.030	ug/l	94
11) Tert butyl alcohol	2.971	59	109387	310.202	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	57355	53.434	ug/l	84
13) Acrolein	2.233	56	44387	165.461	ug/l	99
14) Allyl chloride	2.660	41	89519	53.882	ug/l #	88
15) Acrylonitrile	3.062	53	207740	330.059	ug/l	99
16) Acetone	2.380	43	174342	296.453	ug/l #	88
17) Carbon Disulfide	2.508	76	136613	50.036	ug/l	98
18) Methyl Acetate	2.703	43	138481	62.540	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	257586	63.275	ug/l	97
20) Methylene Chloride	2.788	84	83565	63.540	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	68899	56.466	ug/l	86
22) Diisopropyl ether	3.757	45	214027	62.779	ug/l #	87
23) Vinyl Acetate	3.721	43	810670	310.299	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	130340	60.966	ug/l	97
25) 2-Butanone	4.556	43	271699	306.834	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	55318	28.973	ug/l	90
27) cis-1,2-Dichloroethene	4.483	96	87473	60.810	ug/l	83
28) Bromochloromethane	4.897	49	58410	61.159	ug/l #	75
29) Tetrahydrofuran	5.001	42	171944	304.485	ug/l #	81
30) Chloroform	5.092	83	145733	60.724	ug/l	97
31) Cyclohexane	5.464	56	81996	48.510	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	118385	55.047	ug/l	96
36) 1,1-Dichloropropene	5.690	75	88425	45.988	ug/l	98
37) Ethyl Acetate	4.715	43	103065	52.474	ug/l #	92
38) Carbon Tetrachloride	5.672	117	97046	46.463	ug/l	99
39) Methylcyclohexane	7.379	83	88912	44.013	ug/l	89
40) Benzene	6.037	78	301968	54.759	ug/l	99

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41) Methacrylonitrile	4.916	41	56841	55.669	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	115273	53.304	ug/l	94
43) Isopropyl Acetate	6.342	43	168373	53.995	ug/l #	89
44) Trichloroethene	7.123	130	78090	49.940	ug/l	98
45) 1,2-Dichloropropane	7.427	63	76779	56.467	ug/l	99
46) Dibromomethane	7.580	93	60586	56.561	ug/l	94
47) Bromodichloromethane	7.818	83	114102	55.614	ug/l	99
48) Methyl methacrylate	7.690	41	83691	55.034	ug/l #	83
49) 1,4-Dioxane	7.659	88	51638	1260.827	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	542771	286.649	ug/l	88
52) Toluene	8.720	92	195995	53.792	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	112107	51.318	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	120974	51.245	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	88063	59.356	ug/l	98
56) Ethyl methacrylate	9.116	69	136344	58.670	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	144278	57.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	319149	286.174	ug/l	92
59) 2-Hexanone	9.433	43	419664	290.676	ug/l	86
60) Dibromochloromethane	9.519	129	94417	59.772	ug/l	99
61) 1,2-Dibromoethane	9.610	107	94110	57.936	ug/l	100
64) Tetrachloroethene	9.275	164	60586	41.945	ug/l	97
65) Chlorobenzene	10.079	112	217713	52.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	84746	54.870	ug/l	100
67) Ethyl Benzene	10.195	91	364293	49.472	ug/l	98
68) m/p-Xylenes	10.299	106	287587	101.134	ug/l	98
69) o-Xylene	10.640	106	150961	53.808	ug/l	97
70) Styrene	10.652	104	255342	55.252	ug/l	96
71) Bromoform	10.799	173	69491	60.150	ug/l #	100
73) Isopropylbenzene	10.963	105	358198	48.115	ug/l	99
74) N-amyl acetate	10.841	43	154152	53.291	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	142142	56.695	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	115114m	52.774	ug/l	
77) Bromobenzene	11.195	156	97327	53.531	ug/l	92
78) n-propylbenzene	11.305	91	399954	48.248	ug/l	100
79) 2-Chlorotoluene	11.366	91	267393	50.476	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	314375	50.623	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32913	42.144	ug/l	87
82) 4-Chlorotoluene	11.451	91	303628	49.653	ug/l	97
83) tert-Butylbenzene	11.713	119	311012	52.514	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	326028	51.947	ug/l	97
85) sec-Butylbenzene	11.890	105	350495	50.666	ug/l	98
86) p-Isopropyltoluene	12.006	119	306098	51.401	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	174086	51.142	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	176941	50.312	ug/l	99
89) n-Butylbenzene	12.329	91	235387	47.676	ug/l	99
90) Hexachloroethane	12.536	117	56550	56.893	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	181793	54.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32449	55.701	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	100681	51.622	ug/l	98
94) Hexachlorobutadiene	13.725	225	34004	45.130	ug/l	98
95) Naphthalene	13.774	128	407166	47.659	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104045	53.695	ug/l	96

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

