

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037898.D
 Acq On : 26 Sep 2023 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 27 01:10:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Semsettin Yesilyurt 09/27/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	253688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	403595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160903	48.275	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.540%		
35) Dibromofluoromethane	5.385	113	142278	52.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.380%		
50) Toluene-d8	8.647	98	527665	52.588	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.180%		
62) 4-Bromofluorobenzene	11.079	95	205848	56.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111766	41.798	ug/l	99
3) Chloromethane	1.294	50	117581	40.415	ug/l	97
4) Vinyl Chloride	1.374	62	133958	42.679	ug/l	98
5) Bromomethane	1.599	94	101553	45.195	ug/l	99
6) Chloroethane	1.684	64	89482	41.383	ug/l	96
7) Trichlorofluoromethane	1.886	101	230023	45.585	ug/l	99
8) Diethyl Ether	2.130	74	84906	43.431	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	122043	47.657	ug/l	96
10) Methyl Iodide	2.453	142	148207	43.732	ug/l	93
11) Tert butyl alcohol	2.959	59	140493m	196.374	ug/l	
12) 1,1-Dichloroethene	2.319	96	110553	44.669	ug/l	88
13) Acrolein	2.233	56	167165	236.515	ug/l	99
14) Allyl chloride	2.660	41	182798	44.346	ug/l #	94
15) Acrylonitrile	3.062	53	344267	216.428	ug/l	99
16) Acetone	2.373	43	336749	210.020	ug/l	91
17) Carbon Disulfide	2.514	76	254238	40.972	ug/l	98
18) Methyl Acetate	2.703	43	251208	43.430	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	416316	45.727	ug/l	97
20) Methylene Chloride	2.788	84	136457	46.030	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	124261	45.215	ug/l	91
22) Diisopropyl ether	3.757	45	394725	45.972	ug/l	89
23) Vinyl Acetate	3.721	43	1447823	229.246	ug/l	96
24) 1,1-Dichloroethane	3.605	63	232611	45.209	ug/l	99
25) 2-Butanone	4.550	43	474124	209.541	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	202639	48.741	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	154661	45.904	ug/l	90
28) Bromochloromethane	4.891	49	112681	46.944	ug/l #	79
29) Tetrahydrofuran	5.001	42	292095	207.538	ug/l	90
30) Chloroform	5.092	83	254632	45.940	ug/l	96
31) Cyclohexane	5.470	56	188723	44.115	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	223570	47.638	ug/l	97
36) 1,1-Dichloropropene	5.690	75	177193	47.632	ug/l	96
37) Ethyl Acetate	4.708	43	178591	43.669	ug/l	96
38) Carbon Tetrachloride	5.678	117	196141	50.392	ug/l	96
39) Methylcyclohexane	7.379	83	226629	48.001	ug/l	93
40) Benzene	6.037	78	535625	46.822	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	98857	47.407	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	193140	46.713	ug/l	96
43) Isopropyl Acetate	6.336	43	303098	46.350	ug/l #	96
44) Trichloroethene	7.123	130	150448	47.225	ug/l	95
45) 1,2-Dichloropropane	7.427	63	140494	47.291	ug/l	99
46) Dibromomethane	7.580	93	103482	48.423	ug/l	92
47) Bromodichloromethane	7.818	83	199451	50.676	ug/l	99
48) Methyl methacrylate	7.689	41	143127	45.785	ug/l #	86
49) 1,4-Dioxane	7.653	88	66187	807.601	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	942262	227.107	ug/l	94
52) Toluene	8.720	92	356315	48.330	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	218989	53.213	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	230938	50.705	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	152941	49.203	ug/l	95
56) Ethyl methacrylate	9.116	69	226285	48.764	ug/l	90
57) 1,3-Dichloropropane	9.305	76	240852	47.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	526522	242.989	ug/l	99
59) 2-Hexanone	9.427	43	741036	229.395	ug/l	93
60) Dibromochloromethane	9.518	129	164446	53.106	ug/l	99
61) 1,2-Dibromoethane	9.610	107	161570	49.094	ug/l	99
64) Tetrachloroethene	9.275	164	125791	47.739	ug/l	97
65) Chlorobenzene	10.079	112	397886	47.742	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	149997	50.787	ug/l	99
67) Ethyl Benzene	10.195	91	708710	49.049	ug/l	98
68) m/p-Xylenes	10.299	106	552516	98.958	ug/l	98
69) o-Xylene	10.640	106	273481	48.846	ug/l	97
70) Styrene	10.652	104	463704	51.589	ug/l	95
71) Bromoform	10.799	173	125574	53.822	ug/l #	100
73) Isopropylbenzene	10.963	105	736465	44.675	ug/l	99
74) N-amyl acetate	10.841	43	288945	43.279	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	249890	43.102	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	224234m	43.146	ug/l	
77) Bromobenzene	11.195	156	184489	45.215	ug/l	88
78) n-propylbenzene	11.305	91	878448	47.184	ug/l	99
79) 2-Chlorotoluene	11.366	91	503659	43.876	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	636355	45.710	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	74905	46.170	ug/l	86
82) 4-Chlorotoluene	11.451	91	600307	46.451	ug/l	96
83) tert-Butylbenzene	11.713	119	637377	45.300	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	635759	45.899	ug/l	98
85) sec-Butylbenzene	11.890	105	816047	47.806	ug/l	99
86) p-Isopropyltoluene	12.006	119	692428	48.688	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	362169	47.617	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	370048	47.545	ug/l	98
89) n-Butylbenzene	12.329	91	661528	53.097	ug/l	98
90) Hexachloroethane	12.536	117	119249	49.488	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	360658	46.443	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51322	44.408	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	251668	55.018	ug/l	96
94) Hexachlorobutadiene	13.725	225	115392	54.019	ug/l	99
95) Naphthalene	13.774	128	744994	48.157	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	240780	51.150	ug/l	98

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

