

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038370.D
 Acq On : 19 Oct 2023 08:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 20 03:34:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107949	47.034	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.060%			
35) Dibromofluoromethane	5.379	113	87961	50.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.647	98	332300	50.127	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.079	95	132727	52.813	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	71895	52.198	ug/l	99
3) Chloromethane	1.295	50	67242	47.899	ug/l	99
4) Vinyl Chloride	1.374	62	83044	53.354	ug/l	99
5) Bromomethane	1.593	94	111983	54.863	ug/l	98
6) Chloroethane	1.685	64	62427	54.391	ug/l	97
7) Trichlorofluoromethane	1.886	101	168433	54.786	ug/l	98
8) Diethyl Ether	2.130	74	58852	51.328	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	71910	53.579	ug/l	97
10) Methyl Iodide	2.453	142	90595	46.914	ug/l	93
11) Tert butyl alcohol	2.953	59	108522	212.538	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	67335	51.577	ug/l	85
13) Acrolein	2.233	56	47814	146.544	ug/l	99
14) Allyl chloride	2.660	41	109400	46.849	ug/l #	92
15) Acrylonitrile	3.056	53	245875	235.408	ug/l	99
16) Acetone	2.374	43	277391	289.592	ug/l	94
17) Carbon Disulfide	2.508	76	171895	45.683	ug/l	100
18) Methyl Acetate	2.697	43	197450	48.068	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	251950	48.457	ug/l	99
20) Methylene Chloride	2.788	84	79576	44.166	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	80890	50.042	ug/l	91
22) Diisopropyl ether	3.758	45	247600	50.592	ug/l	90
23) Vinyl Acetate	3.715	43	910120	253.582	ug/l	96
24) 1,1-Dichloroethane	3.605	63	143193	48.211	ug/l	99
25) 2-Butanone	4.544	43	385112	249.183	ug/l	93
26) 2,2-Dichloropropane	4.471	77	122045	52.630	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	98225	51.023	ug/l	91
28) Bromochloromethane	4.891	49	63061	47.033	ug/l	84
29) Tetrahydrofuran	4.995	42	235272	233.819	ug/l	88
30) Chloroform	5.093	83	170853	52.604	ug/l	100
31) Cyclohexane	5.465	56	128377	51.627	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	145612	52.342	ug/l	99
36) 1,1-Dichloropropene	5.690	75	122440	51.182	ug/l	98
37) Ethyl Acetate	4.702	43	138337	48.691	ug/l	98
38) Carbon Tetrachloride	5.672	117	125788	53.450	ug/l	99
39) Methylcyclohexane	7.379	83	151174	53.950	ug/l	92
40) Benzene	6.032	78	351786	52.576	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	71621	50.674	ug/l #	89
42) 1,2-Dichloroethane	6.080	62	135069	50.525	ug/l	98
43) Isopropyl Acetate	6.336	43	213449	50.326	ug/l	97
44) Trichloroethene	7.123	130	97041	55.451	ug/l	99
45) 1,2-Dichloropropane	7.428	63	91690	52.946	ug/l	95
46) Dibromomethane	7.580	93	71574	53.289	ug/l	97
47) Bromodichloromethane	7.818	83	135474	56.699	ug/l	100
48) Methyl methacrylate	7.690	41	105048	51.882	ug/l #	84
49) 1,4-Dioxane	7.653	88	43152	864.870	ug/l #	89
51) 4-Methyl-2-Pentanone	8.568	43	774933	264.889	ug/l	97
52) Toluene	8.714	92	238190	54.649	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	146354	57.064	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	152730	56.679	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	102509	54.985	ug/l	95
56) Ethyl methacrylate	9.116	69	154886	54.187	ug/l	92
57) 1,3-Dichloropropane	9.305	76	164540	54.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	333008	237.345	ug/l	99
59) 2-Hexanone	9.427	43	642985	273.391	ug/l	95
60) Dibromochloromethane	9.519	129	107548	58.944	ug/l	99
61) 1,2-Dibromoethane	9.610	107	112386	55.746	ug/l	100
64) Tetrachloroethene	9.269	164	86092	55.123	ug/l	98
65) Chlorobenzene	10.080	112	267111	52.910	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	98514	57.707	ug/l	100
67) Ethyl Benzene	10.195	91	482125	53.502	ug/l	99
68) m/p-Xylenes	10.299	106	382800	109.862	ug/l	98
69) o-Xylene	10.640	106	181398	53.341	ug/l	100
70) Styrene	10.653	104	309664	55.914	ug/l	96
71) Bromoform	10.799	173	81971	51.659	ug/l #	100
73) Isopropylbenzene	10.964	105	495057	52.008	ug/l	99
74) N-amyl acetate	10.842	43	207942	51.156	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	179738	51.459	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	167299m	51.847	ug/l	
77) Bromobenzene	11.195	156	118500	50.991	ug/l	91
78) n-propylbenzene	11.305	91	600857	51.624	ug/l	100
79) 2-Chlorotoluene	11.366	91	339614	49.201	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	431575	52.553	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	50756	46.258	ug/l	93
82) 4-Chlorotoluene	11.451	91	411476	50.377	ug/l	96
83) tert-Butylbenzene	11.713	119	423683	52.799	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	427410	52.199	ug/l	99
85) sec-Butylbenzene	11.890	105	546648	52.589	ug/l	100
86) p-Isopropyltoluene	12.006	119	459085	53.531	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	239946	51.405	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	244714	51.352	ug/l	98
89) n-Butylbenzene	12.329	91	452326	52.959	ug/l	97
90) Hexachloroethane	12.536	117	79085	55.618	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	239122	53.295	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42645	50.497	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	161376	53.625	ug/l	97
94) Hexachlorobutadiene	13.725	225	69655	57.508	ug/l	98
95) Naphthalene	13.774	128	535592	51.107	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	155894	53.501	ug/l	99

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

