

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037309.D
 Acq On : 28 Aug 2023 23:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 03:06:32 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	140137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	123870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91218	45.150	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.300%		
35) Dibromofluoromethane	5.385	113	78341	48.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	8.647	98	277844	47.674	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.079	95	116565	50.894	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90571	55.638	ug/l	98
3) Chloromethane	1.300	50	85510	60.043	ug/l	96
4) Vinyl Chloride	1.374	62	86201	55.608	ug/l	99
5) Bromomethane	1.599	94	49125	63.620	ug/l	98
6) Chloroethane	1.678	64	46482	50.955	ug/l	98
7) Trichlorofluoromethane	1.880	101	134020	52.778	ug/l	99
8) Diethyl Ether	2.136	74	52790	53.734	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	76744	51.806	ug/l	97
10) Methyl Iodide	2.447	142	97236	54.007	ug/l	95
11) Tert butyl alcohol	2.965	59	111160	234.553	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	73531	50.972	ug/l	87
13) Acrolein	2.233	56	69789	193.572	ug/l	98
14) Allyl chloride	2.660	41	110215	49.361	ug/l #	90
15) Acrylonitrile	3.062	53	222610	263.167	ug/l	99
16) Acetone	2.380	43	184428	233.344	ug/l	91
17) Carbon Disulfide	2.508	76	179702	48.973	ug/l	100
18) Methyl Acetate	2.703	43	146718	49.302	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	278134	50.837	ug/l	97
20) Methylene Chloride	2.788	84	90767	51.353	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	83225	50.751	ug/l	87
22) Diisopropyl ether	3.757	45	235057	51.302	ug/l #	91
23) Vinyl Acetate	3.721	43	887746	252.837	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	147783	51.434	ug/l	97
25) 2-Butanone	4.556	43	290539	244.138	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	94748	36.924	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	99481	51.458	ug/l	86
28) Bromochloromethane	4.897	49	64455	50.217	ug/l #	76
29) Tetrahydrofuran	5.001	42	186582	245.846	ug/l #	83
30) Chloroform	5.093	83	164506	51.003	ug/l	98
31) Cyclohexane	5.464	56	120410	53.005	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	145025	50.176	ug/l	96
36) 1,1-Dichloropropene	5.690	75	114875	50.325	ug/l	98
37) Ethyl Acetate	4.715	43	112136	48.091	ug/l #	92
38) Carbon Tetrachloride	5.672	117	126064	50.840	ug/l	97
39) Methylcyclohexane	7.379	83	141746	59.104	ug/l	90
40) Benzene	6.037	78	348426	53.222	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	61467	50.708	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	127940	49.834	ug/l	93
43) Isopropyl Acetate	6.336	43	181499	49.028	ug/l #	90
44) Trichloroethene	7.123	130	92578	49.871	ug/l	98
45) 1,2-Dichloropropane	7.427	63	86327	53.479	ug/l	99
46) Dibromomethane	7.580	93	66353	52.179	ug/l	94
47) Bromodichloromethane	7.824	83	128663	52.824	ug/l	98
48) Methyl methacrylate	7.690	41	90200	49.962	ug/l #	83
49) 1,4-Dioxane	7.659	88	53819	1106.899	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	580831	258.386	ug/l	90
52) Toluene	8.720	92	229582	53.076	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	131520	50.713	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	142051	50.686	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	95603	54.279	ug/l	98
56) Ethyl methacrylate	9.116	69	149103	54.045	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	158076	53.239	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	347296	262.315	ug/l	92
59) 2-Hexanone	9.427	43	447476	261.074	ug/l	87
60) Dibromochloromethane	9.519	129	103288	55.079	ug/l	99
61) 1,2-Dibromoethane	9.610	107	104945	54.420	ug/l	100
64) Tetrachloroethene	9.275	164	76840	45.963	ug/l	98
65) Chlorobenzene	10.079	112	253501	52.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	93902	52.529	ug/l	98
67) Ethyl Benzene	10.195	91	443130	51.994	ug/l	99
68) m/p-Xylenes	10.299	106	351779	106.884	ug/l	97
69) o-Xylene	10.640	106	175272	53.977	ug/l	96
70) Styrene	10.652	104	293681	54.905	ug/l	97
71) Bromoform	10.799	173	75527	56.483	ug/l #	99
73) Isopropylbenzene	10.963	105	452691	50.279	ug/l	98
74) N-amyl acetate	10.841	43	168259	48.096	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	151819	50.070	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126119m	47.808	ug/l	
77) Bromobenzene	11.195	156	109139	49.634	ug/l	92
78) n-propylbenzene	11.305	91	519961	51.864	ug/l	99
79) 2-Chlorotoluene	11.366	91	323770	50.536	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	396636	52.811	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	42277	44.761	ug/l	87
82) 4-Chlorotoluene	11.451	91	372050	50.308	ug/l	97
83) tert-Butylbenzene	11.713	119	388545	54.245	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	398863	52.548	ug/l	97
85) sec-Butylbenzene	11.890	105	481042	57.497	ug/l	98
86) p-Isopropyltoluene	12.006	119	411988	57.203	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	212430	51.601	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	213398	50.172	ug/l	99
89) n-Butylbenzene	12.329	91	344433	57.683	ug/l	99
90) Hexachloroethane	12.536	117	72161	60.029	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	210521	52.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34200	48.542	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	129550	54.923	ug/l	98
94) Hexachlorobutadiene	13.725	225	54423	59.724	ug/l	98
95) Naphthalene	13.774	128	455138	44.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	129389	55.213	ug/l	99

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

