

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037285.D
 Acq On : 28 Aug 2023 11:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 00:54:23 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	5.543	168	159075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106992	46.653	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.300%			
35) Dibromofluoromethane	5.385	113	92342	52.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.000%			
50) Toluene-d8	8.647	98	328027	51.415	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.820%			
62) 4-Bromofluorobenzene	11.079	95	136574	54.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104599	56.606	ug/l	100
3) Chloromethane	1.300	50	94917	58.714	ug/l	96
4) Vinyl Chloride	1.374	62	99514	56.553	ug/l	98
5) Bromomethane	1.599	94	55431	63.240	ug/l	98
6) Chloroethane	1.678	64	61609	59.498	ug/l	100
7) Trichlorofluoromethane	1.880	101	153382	53.212	ug/l	99
8) Diethyl Ether	2.129	74	57473	51.537	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	90394	53.756	ug/l	97
10) Methyl Iodide	2.446	142	110632	54.132	ug/l	93
11) Tert butyl alcohol	2.959	59	119941	222.952	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	85457	52.187	ug/l	83
13) Acrolein	2.233	56	85311	208.454	ug/l	98
14) Allyl chloride	2.660	41	129451	51.074	ug/l #	89
15) Acrylonitrile	3.062	53	241155	251.150	ug/l	97
16) Acetone	2.379	43	270808	301.843	ug/l #	86
17) Carbon Disulfide	2.507	76	214927	51.600	ug/l	99
18) Methyl Acetate	2.703	43	158392	46.888	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	304964	49.105	ug/l	95
20) Methylene Chloride	2.788	84	97717	48.703	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	93046	49.985	ug/l	88
22) Diisopropyl ether	3.757	45	259289	49.853	ug/l #	84
23) Vinyl Acetate	3.715	43	990043	248.403	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	163608	50.163	ug/l	97
25) 2-Butanone	4.550	43	352675	261.069	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	155971	53.547	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	109714	49.995	ug/l	90
28) Bromochloromethane	4.897	49	69060	47.399	ug/l #	72
29) Tetrahydrofuran	5.001	42	198961	230.947	ug/l #	82
30) Chloroform	5.086	83	179733	49.090	ug/l	98
31) Cyclohexane	5.470	56	143128	55.504	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	165776	50.527	ug/l	96
36) 1,1-Dichloropropene	5.690	75	132091	52.861	ug/l	97
37) Ethyl Acetate	4.708	43	123607	48.424	ug/l #	93
38) Carbon Tetrachloride	5.672	117	147750	54.431	ug/l	98
39) Methylcyclohexane	7.379	83	170126	64.800	ug/l	91
40) Benzene	6.031	78	382618	53.388	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	64595	48.678	ug/l #	85
42) 1,2-Dichloroethane	6.080	62	137357	48.873	ug/l	93
43) Isopropyl Acetate	6.336	43	202838	50.052	ug/l #	91
44) Trichloroethene	7.122	130	105312	51.823	ug/l	96
45) 1,2-Dichloropropane	7.427	63	93890	53.132	ug/l	100
46) Dibromomethane	7.580	93	71863	51.623	ug/l	94
47) Bromodichloromethane	7.817	83	141386	53.026	ug/l	99
48) Methyl methacrylate	7.689	41	98983	50.084	ug/l #	83
49) 1,4-Dioxane	7.659	88	55182	1036.740	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	614602	249.755	ug/l	89
52) Toluene	8.714	92	254452	53.736	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	157005	55.302	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	169175	55.142	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	103622	53.742	ug/l	97
56) Ethyl methacrylate	9.116	69	161760	53.560	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	171492	52.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	376213	259.572	ug/l	93
59) 2-Hexanone	9.427	43	511573	272.647	ug/l	86
60) Dibromochloromethane	9.518	129	114661	55.853	ug/l	100
61) 1,2-Dibromoethane	9.610	107	111897	53.005	ug/l	100
64) Tetrachloroethene	9.275	164	85343	46.901	ug/l	98
65) Chlorobenzene	10.079	112	276003	52.354	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	104025	53.463	ug/l	98
67) Ethyl Benzene	10.195	91	492688	53.111	ug/l	99
68) m/p-Xylenes	10.299	106	386905	108.003	ug/l	97
69) o-Xylene	10.640	106	190743	53.968	ug/l	98
70) Styrene	10.652	104	321609	55.240	ug/l	97
71) Bromoform	10.799	173	85061	58.444	ug/l #	99
73) Isopropylbenzene	10.963	105	504004	51.499	ug/l	99
74) N-amyl acetate	10.841	43	184801	48.597	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.207	83	165911	50.338	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	137065m	47.799	ug/l	
77) Bromobenzene	11.195	156	118419	49.544	ug/l	93
78) n-propylbenzene	11.305	91	581597	53.369	ug/l	99
79) 2-Chlorotoluene	11.366	91	355521	51.051	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	436364	53.450	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55120	53.689	ug/l #	84
82) 4-Chlorotoluene	11.451	91	408900	50.865	ug/l	98
83) tert-Butylbenzene	11.713	119	438891	56.370	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	441723	53.537	ug/l	98
85) sec-Butylbenzene	11.890	105	545698	60.005	ug/l	99
86) p-Isopropyltoluene	12.006	119	465708	59.487	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	235775	52.688	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	236827	51.224	ug/l	99
89) n-Butylbenzene	12.329	91	404579	62.333	ug/l	99
90) Hexachloroethane	12.536	117	83817	64.145	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	236042	53.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38814	50.682	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	148294	57.838	ug/l	97
94) Hexachlorobutadiene	13.725	225	64793	65.413	ug/l	99
95) Naphthalene	13.774	128	504366	44.908	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	145978	57.306	ug/l	99

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

