

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX037003.D
 Acq On : 15 Aug 2023 21:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 16 09:56:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Semsettin Yesilyurt 08/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90795	48.818	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.640%		
35) Dibromofluoromethane	5.391	113	75852	50.424	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	8.647	98	239957	44.982	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.960%#		
62) 4-Bromofluorobenzene	11.079	95	102114	50.737	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80533	48.499	ug/l	99
3) Chloromethane	1.300	50	71199	47.143	ug/l	96
4) Vinyl Chloride	1.374	62	78440	51.012	ug/l	98
5) Bromomethane	1.599	94	47403	51.637	ug/l	99
6) Chloroethane	1.678	64	44018	58.880	ug/l	98
7) Trichlorofluoromethane	1.886	101	135791	57.185	ug/l	100
8) Diethyl Ether	2.136	74	53410	58.137	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	73865	51.776	ug/l	98
10) Methyl Iodide	2.453	142	101642	68.594	ug/l	94
11) Tert butyl alcohol	2.965	59	128435	291.690	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	74797	53.142	ug/l	86
13) Acrolein	2.239	56	58809	234.032	ug/l	99
14) Allyl chloride	2.666	41	119164	42.995	ug/l #	95
15) Acrylonitrile	3.062	53	241537	272.772	ug/l	99
16) Acetone	2.379	43	212556	275.411	ug/l	92
17) Carbon Disulfide	2.507	76	168969	43.497	ug/l	98
18) Methyl Acetate	2.703	43	173158	53.333	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	308508	58.328	ug/l	96
20) Methylene Chloride	2.788	84	89092	51.906	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	83342	52.981	ug/l	88
22) Diisopropyl ether	3.763	45	259424	49.298	ug/l #	84
23) Vinyl Acetate	3.721	43	1007577	249.607	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	157280	53.307	ug/l	98
25) 2-Butanone	4.556	43	334137	266.848	ug/l	90
26) 2,2-Dichloropropane	4.477	77	95351	34.298	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	103794	55.552	ug/l	88
28) Bromochloromethane	4.897	49	65110	45.629	ug/l #	82
29) Tetrahydrofuran	5.007	42	211804	262.363	ug/l #	85
30) Chloroform	5.098	83	175770	58.230	ug/l	100
31) Cyclohexane	5.470	56	110831	43.039	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	155561	56.243	ug/l	97
36) 1,1-Dichloropropene	5.696	75	114548	51.089	ug/l	97
37) Ethyl Acetate	4.714	43	131004	51.623	ug/l #	95
38) Carbon Tetrachloride	5.678	117	129926	54.506	ug/l	100
39) Methylcyclohexane	7.379	83	113082	40.561	ug/l	92
40) Benzene	6.037	78	347439	53.261	ug/l	100

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41) Methacrylonitrile	4.922	41	71698	52.825	ug/l	91
42) 1,2-Dichloroethane	6.086	62	140497	58.908	ug/l	96
43) Isopropyl Acetate	6.342	43	217278	49.739	ug/l #	93
44) Trichloroethene	7.122	130	95016	55.724	ug/l	97
45) 1,2-Dichloropropane	7.433	63	89057	51.133	ug/l	99
46) Dibromomethane	7.580	93	70497	57.835	ug/l	96
47) Bromodichloromethane	7.824	83	137771	55.063	ug/l	97
48) Methyl methacrylate	7.696	41	103538	50.965	ug/l #	87
49) 1,4-Dioxane	7.659	88	51895	1264.486	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	645088	266.849	ug/l	92
52) Toluene	8.720	92	223885	54.774	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	141368	49.990	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	149395	50.064	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	99126	57.693	ug/l	98
56) Ethyl methacrylate	9.116	69	157481	56.287	ug/l	89
57) 1,3-Dichloropropane	9.311	76	162909	56.926	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	313117	227.132	ug/l	93
59) 2-Hexanone	9.433	43	493869	275.270	ug/l	91
60) Dibromochloromethane	9.518	129	109086	57.764	ug/l	99
61) 1,2-Dibromoethane	9.610	107	106016	59.535	ug/l	99
64) Tetrachloroethene	9.275	164	83393	56.377	ug/l	99
65) Chlorobenzene	10.079	112	244760	55.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	97775	57.868	ug/l	99
67) Ethyl Benzene	10.195	91	428329	53.636	ug/l	99
68) m/p-Xylenes	10.299	106	328174	110.141	ug/l	98
69) o-Xylene	10.640	106	164231	55.220	ug/l	99
70) Styrene	10.652	104	274606	55.962	ug/l	98
71) Bromoform	10.799	173	79029	57.781	ug/l #	99
73) Isopropylbenzene	10.963	105	415479	49.398	ug/l	98
74) N-amyl acetate	10.841	43	180508	46.023	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	150175	52.864	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	125457m	52.483	ug/l	
77) Bromobenzene	11.195	156	104849	54.739	ug/l	93
78) n-propylbenzene	11.305	91	468330	48.147	ug/l	99
79) 2-Chlorotoluene	11.366	91	295393	50.115	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	351668	49.980	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	42816	40.597	ug/l	86
82) 4-Chlorotoluene	11.451	91	345668	51.470	ug/l	99
83) tert-Butylbenzene	11.713	119	334319	48.365	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	359546	51.095	ug/l	98
85) sec-Butylbenzene	11.890	105	395324	45.859	ug/l	98
86) p-Isopropyltoluene	12.006	119	341518	48.147	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191994	54.119	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	197054	55.970	ug/l	99
89) n-Butylbenzene	12.329	91	285336	44.937	ug/l	99
90) Hexachloroethane	12.536	117	60488	42.064	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	193268	56.455	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37126	56.241	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	113283	53.710	ug/l	98
94) Hexachlorobutadiene	13.725	225	42219	48.384	ug/l	98
95) Naphthalene	13.774	128	476570	64.840	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	113793	54.740	ug/l	98

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

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