

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037882.D
 Acq On : 25 Sep 2023 09:19
 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 26 06:55:11 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 09/26/2023
 Supervised By : Semsettin Yesilyurt 09/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	269194	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	426893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175036	49.490	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.980%		
35) Dibromofluoromethane	5.385	113	154349	54.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.080%		
50) Toluene-d8	8.647	98	567051	53.429	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.860%		
62) 4-Bromofluorobenzene	11.079	95	220074	57.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	124589	43.910	ug/l	100
3) Chloromethane	1.295	50	132414	42.891	ug/l	97
4) Vinyl Chloride	1.374	62	145915	43.811	ug/l	100
5) Bromomethane	1.599	94	110960	46.537	ug/l	99
6) Chloroethane	1.685	64	99722	43.462	ug/l	97
7) Trichlorofluoromethane	1.886	101	249151	46.531	ug/l	100
8) Diethyl Ether	2.130	74	93503	45.073	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	132182	48.643	ug/l	95
10) Methyl Iodide	2.453	142	153722	42.747	ug/l	93
11) Tert butyl alcohol	2.953	59	157156	207.012	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	122548	46.663	ug/l	86
13) Acrolein	2.233	56	168703	224.942	ug/l	98
14) Allyl chloride	2.660	41	204517	46.757	ug/l	# 94
15) Acrylonitrile	3.063	53	385403	228.333	ug/l	99
16) Acetone	2.374	43	407511	239.513	ug/l	# 89
17) Carbon Disulfide	2.514	76	289407	43.953	ug/l	99
18) Methyl Acetate	2.703	43	280481	45.698	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	458971	47.508	ug/l	100
20) Methylene Chloride	2.788	84	149094	47.397	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	137247	47.064	ug/l	89
22) Diisopropyl ether	3.757	45	433992	47.634	ug/l	90
23) Vinyl Acetate	3.721	43	1607177	239.819	ug/l	96
24) 1,1-Dichloroethane	3.605	63	259153	47.466	ug/l	100
25) 2-Butanone	4.550	43	540281	225.026	ug/l	# 90
26) 2,2-Dichloropropane	4.471	77	224909	50.982	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	169246	47.340	ug/l	90
28) Bromochloromethane	4.898	49	121997	47.898	ug/l	# 81
29) Tetrahydrofuran	5.001	42	324553	217.317	ug/l	90
30) Chloroform	5.093	83	278862	47.414	ug/l	97
31) Cyclohexane	5.465	56	207828	45.782	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	245833	49.364	ug/l	98
36) 1,1-Dichloropropene	5.690	75	193637	49.212	ug/l	96
37) Ethyl Acetate	4.709	43	201165	46.505	ug/l	96
38) Carbon Tetrachloride	5.678	117	213127	51.768	ug/l	98
39) Methylcyclohexane	7.379	83	244519	48.963	ug/l	92
40) Benzene	6.038	78	584586	48.313	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	107281	48.639	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	211691	48.405	ug/l	96
43) Isopropyl Acetate	6.336	43	336302	48.621	ug/l	96
44) Trichloroethene	7.123	130	159858	47.440	ug/l	93
45) 1,2-Dichloropropane	7.428	63	153560	48.869	ug/l	95
46) Dibromomethane	7.580	93	113733	50.316	ug/l	92
47) Bromodichloromethane	7.818	83	221762	53.270	ug/l	97
48) Methyl methacrylate	7.690	41	159837	48.339	ug/l #	87
49) 1,4-Dioxane	7.659	88	71592	825.877	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	1038442	236.629	ug/l	94
52) Toluene	8.720	92	388273	49.790	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	245253	56.343	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	259075	53.778	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	165938	50.471	ug/l	96
56) Ethyl methacrylate	9.116	69	251054	51.149	ug/l	90
57) 1,3-Dichloropropane	9.305	76	263973	49.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	537726	234.617	ug/l	98
59) 2-Hexanone	9.427	43	828664	242.521	ug/l	93
60) Dibromochloromethane	9.519	129	183035	55.884	ug/l	99
61) 1,2-Dibromoethane	9.610	107	178894	51.391	ug/l	100
64) Tetrachloroethene	9.275	164	137918	49.146	ug/l	96
65) Chlorobenzene	10.080	112	431865	48.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	166813	53.033	ug/l	99
67) Ethyl Benzene	10.195	91	766859	49.833	ug/l	97
68) m/p-Xylenes	10.299	106	603080	101.421	ug/l	96
69) o-Xylene	10.640	106	296510	49.726	ug/l	97
70) Styrene	10.653	104	505776	52.835	ug/l	96
71) Bromoform	10.799	173	141068	56.773	ug/l #	99
73) Isopropylbenzene	10.964	105	786980	45.388	ug/l	99
74) N-amyl acetate	10.842	43	320058	45.579	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	272041	44.612	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	215234m	39.375	ug/l	
77) Bromobenzene	11.195	156	198586	46.273	ug/l	88
78) n-propylbenzene	11.305	91	944511	48.234	ug/l	99
79) 2-Chlorotoluene	11.366	91	553232	45.821	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	686217	46.864	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	87079	51.030	ug/l	86
82) 4-Chlorotoluene	11.451	91	645209	47.467	ug/l	96
83) tert-Butylbenzene	11.713	119	686062	46.359	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	690666	47.407	ug/l	97
85) sec-Butylbenzene	11.890	105	882502	49.153	ug/l	99
86) p-Isopropyltoluene	12.006	119	743712	49.718	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	390516	48.815	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	393423	48.059	ug/l	98
89) n-Butylbenzene	12.329	91	710702	54.235	ug/l	97
90) Hexachloroethane	12.536	117	133527	52.684	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	389006	47.627	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57928	47.656	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	261413	54.334	ug/l	97
94) Hexachlorobutadiene	13.725	225	122431	54.492	ug/l	98
95) Naphthalene	13.774	128	794539	48.830	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	254394	51.380	ug/l	97

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

