

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037166.D
 Acq On : 22 Aug 2023 20:50
 Operator : JC/MD
 Sample : 04051-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20230816MS

Quant Time: Aug 23 01:48:50 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 :Mahesh Dadoda 08/23/2023
 Supervised By :Semsettin Yesilyurt 08/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	43998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	93306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53479	84.311	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 168.620%#			
35) Dibromofluoromethane	5.385	113	38778	62.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 125.500%#			
50) Toluene-d8	8.647	98	121362	54.143	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.280%			
62) 4-Bromofluorobenzene	11.079	95	57138	64.864	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 129.720%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	19509	38.171	ug/l	98
3) Chloromethane	1.295	50	29161	65.218	ug/l	99
4) Vinyl Chloride	1.374	62	22776	46.797	ug/l	100
5) Bromomethane	1.618	94	20795	85.777	ug/l	99
6) Chloroethane	1.691	64	25786	90.035	ug/l	98
7) Trichlorofluoromethane	1.892	101	35096	44.021	ug/l	97
8) Diethyl Ether	2.136	74	25795	83.629	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	18058	38.826	ug/l	97
10) Methyl Iodide	2.453	142	36901	65.280	ug/l	96
11) Tert butyl alcohol	3.008	59	96235	646.764	ug/l	96
12) 1,1-Dichloroethene	2.319	96	20639	45.569	ug/l	91
13) Acrolein	2.246	56	34600	305.669	ug/l	99
14) Allyl chloride	2.666	41	44913	64.067	ug/l	92
15) Acrylonitrile	3.069	53	155607	585.916	ug/l	99
16) Acetone	2.398	43	157457	634.528	ug/l	92
17) Carbon Disulfide	2.514	76	50573	43.898	ug/l	100
18) Methyl Acetate	2.709	43	76182	81.537	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	146395	85.226	ug/l	98
20) Methylene Chloride	2.788	84	39628	71.410	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	27530	53.471	ug/l	87
22) Diisopropyl ether	3.757	45	108625	75.511	ug/l #	97
23) Vinyl Acetate	3.721	43	336103	304.890	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	57057	63.249	ug/l	97
25) 2-Butanone	4.568	43	224500	600.851	ug/l #	88
26) 2,2-Dichloropropane	4.483	77	14959	18.568	ug/l	82
27) cis-1,2-Dichloroethene	4.489	96	40473	66.680	ug/l	83
28) Bromochloromethane	4.898	49	34324	85.174	ug/l #	78
29) Tetrahydrofuran	5.013	42	139827	586.820	ug/l #	85
30) Chloroform	5.099	83	69331	68.464	ug/l	97
31) Cyclohexane	5.471	56	27656	38.776	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	46173	50.881	ug/l	97
36) 1,1-Dichloropropene	5.690	75	33722	38.411	ug/l	98
37) Ethyl Acetate	4.715	43	56864	63.407	ug/l #	95
38) Carbon Tetrachloride	5.678	117	36516	38.290	ug/l	96
39) Methylcyclohexane	7.379	83	30053	32.582	ug/l	90
40) Benzene	6.038	78	130140	51.686	ug/l	100

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41) Methacrylonitrile	4.922	41	39046	83.752	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	66556	67.405	ug/l	97
43) Isopropyl Acetate	6.342	43	92061	64.659	ug/l #	92
44) Trichloroethene	7.129	130	33616	47.083	ug/l	97
45) 1,2-Dichloropropane	7.428	63	37785	60.861	ug/l	98
46) Dibromomethane	7.580	93	33385	68.260	ug/l	94
47) Bromodichloromethane	7.824	83	58166	62.091	ug/l	99
48) Methyl methacrylate	7.696	41	53154	76.552	ug/l #	86
49) 1,4-Dioxane	7.720	88	45777	2447.940	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	379482	438.926	ug/l	92
52) Toluene	8.720	92	84630	50.871	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	56614	56.759	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	57753	53.580	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	47685	70.392	ug/l	97
56) Ethyl methacrylate	9.116	69	76947	72.517	ug/l	88
57) 1,3-Dichloropropane	9.311	76	79777	69.859	ug/l	99
59) 2-Hexanone	9.433	43	310636	471.223	ug/l	91
60) Dibromochloromethane	9.525	129	49891	69.173	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53710	72.416	ug/l	99
64) Tetrachloroethene	9.275	164	22283	30.864	ug/l	99
65) Chlorobenzene	10.080	112	102564	49.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	40757	52.795	ug/l	99
67) Ethyl Benzene	10.195	91	157369	42.757	ug/l	99
68) m/p-Xylenes	10.299	106	123220	86.693	ug/l	100
69) o-Xylene	10.640	106	66310	47.286	ug/l	100
70) Styrene	10.653	104	117695	50.951	ug/l	98
71) Bromoform	10.799	173	36876	63.859	ug/l #	99
73) Isopropylbenzene	10.964	105	144386	36.769	ug/l	99
74) N-amyl acetate	10.842	43	65493	42.923	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	82481	62.369	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	71828m	62.428	ug/l	
77) Bromobenzene	11.195	156	46933	48.937	ug/l	93
78) n-propylbenzene	11.305	91	164113	37.532	ug/l	99
79) 2-Chlorotoluene	11.366	91	119445	42.746	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	133236	40.674	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18107	43.955	ug/l	91
82) 4-Chlorotoluene	11.457	91	141864	43.981	ug/l	99
83) tert-Butylbenzene	11.713	119	128157	41.023	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	142614	43.078	ug/l	97
85) sec-Butylbenzene	11.890	105	136224	37.332	ug/l	99
86) p-Isopropyltoluene	12.006	119	120513	38.365	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	83280	46.381	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	86651	46.710	ug/l	100
89) n-Butylbenzene	12.329	91	95757	36.768	ug/l	98
90) Hexachloroethane	12.536	117	21742	41.469	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	90243	51.326	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23864	77.660	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	50662	49.245	ug/l	97
94) Hexachlorobutadiene	13.725	225	11631	29.265	ug/l	99
95) Naphthalene	13.774	128	248019	55.036	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53841	52.677	ug/l	99

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

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