

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037170.D
 Acq On : 22 Aug 2023 22:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 23 01:51:49 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	42417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	101201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62064	101.492	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 202.980%#			
35) Dibromofluoromethane	5.391	113	44347	66.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 132.340%#			
50) Toluene-d8	8.647	98	134670	55.393	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.780%			
62) 4-Bromofluorobenzene	11.079	95	65102	68.140	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 136.280%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16379	33.242	ug/l	97
3) Chloromethane	1.294	50	28425	65.942	ug/l	97
4) Vinyl Chloride	1.374	62	20256	43.171	ug/l	100
5) Bromomethane	1.617	94	23024	98.511	ug/l	98
6) Chloroethane	1.691	64	17778	64.387	ug/l	98
7) Trichlorofluoromethane	1.892	101	29058	37.806	ug/l	98
8) Diethyl Ether	2.136	74	28579	96.108	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	14869	33.161	ug/l	96
10) Methyl Iodide	2.453	142	43528	79.874	ug/l	96
11) Tert butyl alcohol	3.007	59	101868	710.140	ug/l	97
12) 1,1-Dichloroethene	2.319	96	19075	43.686	ug/l	89
13) Acrolein	2.245	56	47213	432.643	ug/l	98
14) Allyl chloride	2.666	41	49980	73.952	ug/l	93
15) Acrylonitrile	3.068	53	164989	644.398	ug/l	99
16) Acetone	2.398	43	156752	655.232	ug/l	92
17) Carbon Disulfide	2.514	76	48923	44.049	ug/l	97
18) Methyl Acetate	2.709	43	108972	120.979	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	165436	99.900	ug/l	96
20) Methylene Chloride	2.788	84	43988	82.222	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	28498	57.414	ug/l	91
22) Diisopropyl ether	3.757	45	122031	87.992	ug/l #	86
23) Vinyl Acetate	3.721	43	552119	519.514	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	61314	70.501	ug/l	97
25) 2-Butanone	4.568	43	230630	640.264	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	27857	35.867	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	44583	76.190	ug/l	85
28) Bromochloromethane	4.897	49	39690	102.161	ug/l #	75
29) Tetrahydrofuran	5.013	42	143075	622.831	ug/l #	84
30) Chloroform	5.092	83	75403	77.236	ug/l	98
31) Cyclohexane	5.476	56	23821	34.644	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	44517	50.885	ug/l	97
36) 1,1-Dichloropropene	5.696	75	31215	32.781	ug/l	97
37) Ethyl Acetate	4.714	43	82190	84.497	ug/l #	94
38) Carbon Tetrachloride	5.678	117	33090	31.991	ug/l	100
39) Methylcyclohexane	7.379	83	26436	26.424	ug/l	91
40) Benzene	6.043	78	140579	51.476	ug/l	98

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41) Methacrylonitrile	4.922	41	42583	84.213	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	73659	68.779	ug/l	96
43) Isopropyl Acetate	6.342	43	122034	79.024	ug/l #	92
44) Trichloroethene	7.129	130	32891	42.474	ug/l	95
45) 1,2-Dichloropropane	7.433	63	42178	62.637	ug/l	100
46) Dibromomethane	7.580	93	38619	72.802	ug/l	94
47) Bromodichloromethane	7.824	83	66121	65.076	ug/l	100
48) Methyl methacrylate	7.696	41	60343	80.125	ug/l #	88
49) 1,4-Dioxane	7.720	88	45221	2229.556	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	405817	432.768	ug/l	91
52) Toluene	8.720	92	91568	50.747	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	73319	67.772	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	73379	62.766	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	53827	73.259	ug/l	96
56) Ethyl methacrylate	9.116	69	87363	75.910	ug/l	88
57) 1,3-Dichloropropane	9.311	76	88982	71.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	216827	392.593	ug/l	92
59) 2-Hexanone	9.433	43	325563	455.338	ug/l	89
60) Dibromochloromethane	9.518	129	56717	72.502	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60552	75.271	ug/l	100
64) Tetrachloroethene	9.275	164	22011	26.756	ug/l	97
65) Chlorobenzene	10.079	112	114201	47.915	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	46539	52.905	ug/l	99
67) Ethyl Benzene	10.195	91	167441	39.925	ug/l	100
68) m/p-Xylenes	10.299	106	131010	80.891	ug/l	100
69) o-Xylene	10.640	106	71929	45.014	ug/l	99
70) Styrene	10.652	104	134860	51.236	ug/l	97
71) Bromoform	10.799	173	42419	64.466	ug/l #	99
73) Isopropylbenzene	10.963	105	147891	32.682	ug/l	99
74) N-amyl acetate	10.841	43	102800	58.465	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	92198	60.499	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78483m	59.193	ug/l	
77) Bromobenzene	11.195	156	54589	49.395	ug/l	92
78) n-propylbenzene	11.305	91	170940	33.925	ug/l	99
79) 2-Chlorotoluene	11.366	91	132178	41.049	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	140900	37.327	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25538	53.798	ug/l	91
82) 4-Chlorotoluene	11.451	91	157749	42.440	ug/l	98
83) tert-Butylbenzene	11.713	119	129492	35.970	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	158066	41.433	ug/l	98
85) sec-Butylbenzene	11.890	105	134217	31.919	ug/l	100
86) p-Isopropyltoluene	12.006	119	124667	34.440	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	95437	46.125	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	100110	46.830	ug/l	99
89) n-Butylbenzene	12.329	91	99029	32.998	ug/l	98
90) Hexachloroethane	12.536	117	23348	38.644	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	103242	50.956	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25287	71.411	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	62893	53.051	ug/l	97
94) Hexachlorobutadiene	13.725	225	12978	28.337	ug/l	98
95) Naphthalene	13.774	128	284256	54.738	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65707	55.787	ug/l	99

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

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