

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037168.D
 Acq On : 22 Aug 2023 21:35
 Operator : JC/MD
 Sample : 04024-17MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149I1-20230815MS

Quant Time: Aug 23 01:50:16 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	50892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	111433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64326	87.674	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 175.340%#			
35) Dibromofluoromethane	5.385	113	46640	63.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 126.400%#			
50) Toluene-d8	8.647	98	144323	53.912	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.820%			
62) 4-Bromofluorobenzene	11.079	95	66612	63.318	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21598	36.534	ug/l	99
3) Chloromethane	1.294	50	34593	66.887	ug/l	99
4) Vinyl Chloride	1.374	62	26481	47.039	ug/l	99
5) Bromomethane	1.617	94	25253	90.055	ug/l	100
6) Chloroethane	1.691	64	20273	61.197	ug/l	97
7) Trichlorofluoromethane	1.892	101	39523	42.859	ug/l	100
8) Diethyl Ether	2.136	74	31480	88.235	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	19051	35.413	ug/l	99
10) Methyl Iodide	2.453	142	46193	70.648	ug/l	96
11) Tert butyl alcohol	3.014	59	103131	599.219	ug/l	97
12) 1,1-Dichloroethene	2.318	96	24255	46.299	ug/l	91
13) Acrolein	2.245	56	39007	297.921	ug/l	99
14) Allyl chloride	2.666	41	52141	64.302	ug/l	92
15) Acrylonitrile	3.068	53	170910	556.361	ug/l	98
16) Acetone	2.398	43	168342	586.496	ug/l	92
17) Carbon Disulfide	2.514	76	60700	45.551	ug/l	98
18) Methyl Acetate	2.709	43	84003	77.728	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	174306	87.728	ug/l	99
20) Methylene Chloride	2.788	84	47233	73.585	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	33560	56.353	ug/l	90
22) Diisopropyl ether	3.757	45	128892	77.462	ug/l #	96
23) Vinyl Acetate	3.721	43	401366	314.771	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	68263	65.421	ug/l	96
25) 2-Butanone	4.568	43	241293	558.314	ug/l #	87
26) 2,2-Dichloropropane	4.483	77	17490	18.769	ug/l	82
27) cis-1,2-Dichloroethene	4.489	96	47712	67.959	ug/l	84
28) Bromochloromethane	4.903	49	40666	87.242	ug/l #	76
29) Tetrahydrofuran	5.013	42	149938	544.012	ug/l #	84
30) Chloroform	5.098	83	80982	69.137	ug/l	99
31) Cyclohexane	5.476	56	30615	37.110	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	53685	51.145	ug/l	96
36) 1,1-Dichloropropene	5.696	75	39670	37.835	ug/l	98
37) Ethyl Acetate	4.721	43	62723	58.563	ug/l #	94
38) Carbon Tetrachloride	5.678	117	41895	36.784	ug/l	96
39) Methylcyclohexane	7.379	83	31607	28.692	ug/l	86
40) Benzene	6.037	78	156228	51.954	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45646	81.982	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	79243	67.198	ug/l	97
43) Isopropyl Acetate	6.342	43	107040	62.950	ug/l #	91
44) Trichloroethene	7.129	130	37334	43.785	ug/l	99
45) 1,2-Dichloropropane	7.433	63	44575	60.118	ug/l	96
46) Dibromomethane	7.580	93	40320	69.029	ug/l	95
47) Bromodichloromethane	7.824	83	70250	62.792	ug/l	95
48) Methyl methacrylate	7.696	41	62387	75.233	ug/l #	87
49) 1,4-Dioxane	7.726	88	48288	2162.163	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	425246	411.848	ug/l	92
52) Toluene	8.720	92	98869	49.762	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	69876	58.659	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	69702	54.146	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	56434	69.755	ug/l	96
56) Ethyl methacrylate	9.116	69	91031	71.835	ug/l	89
57) 1,3-Dichloropropane	9.311	76	94260	69.114	ug/l	99
59) 2-Hexanone	9.427	43	341851	434.217	ug/l	90
60) Dibromochloromethane	9.518	129	59436	69.002	ug/l	100
61) 1,2-Dibromoethane	9.610	107	63843	72.075	ug/l	100
64) Tetrachloroethene	9.275	164	25275	29.582	ug/l	98
65) Chlorobenzene	10.079	112	121242	48.979	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	49307	53.970	ug/l	99
67) Ethyl Benzene	10.195	91	182103	41.808	ug/l	100
68) m/p-Xylenes	10.299	106	143290	85.187	ug/l	98
69) o-Xylene	10.640	106	77410	46.645	ug/l	98
70) Styrene	10.652	104	138791	50.771	ug/l	98
71) Bromoform	10.799	173	45075	65.958	ug/l #	99
73) Isopropylbenzene	10.963	105	166879	37.321	ug/l	100
74) N-amyl acetate	10.841	43	78160	44.986	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	95510	63.425	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80918m	61.763	ug/l	
77) Bromobenzene	11.195	156	56099	51.371	ug/l	94
78) n-propylbenzene	11.305	91	186818	37.521	ug/l	99
79) 2-Chlorotoluene	11.366	91	137619	43.252	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	152885	40.988	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21307	45.424	ug/l	92
82) 4-Chlorotoluene	11.457	91	165461	45.050	ug/l	99
83) tert-Butylbenzene	11.713	119	146517	41.188	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	165583	43.925	ug/l	98
85) sec-Butylbenzene	11.890	105	153210	36.873	ug/l	99
86) p-Isopropyltoluene	12.006	119	139309	38.947	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98106	47.984	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	102954	48.739	ug/l	99
89) n-Butylbenzene	12.329	91	109233	36.835	ug/l	99
90) Hexachloroethane	12.536	117	25423	42.584	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	106193	53.042	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26318	75.216	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	64142	54.755	ug/l	98
94) Hexachlorobutadiene	13.725	225	14132	31.227	ug/l	99
95) Naphthalene	13.774	128	294312	57.355	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66807	57.402	ug/l	99

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

