

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038290.D
 Acq On : 13 Oct 2023 17:25
 Operator : JC/MD
 Sample : 04875-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MS

Quant Time: Oct 13 23:15:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104903	46.970	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.940%		
35) Dibromofluoromethane	5.385	113	84415	49.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.300%		
50) Toluene-d8	8.647	98	313910	48.316	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	127940	51.943	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55798	41.630	ug/l	100
3) Chloromethane	1.294	50	57771	42.290	ug/l	99
4) Vinyl Chloride	1.374	62	74276	49.039	ug/l	99
5) Bromomethane	1.599	94	100936	50.753	ug/l	99
6) Chloroethane	1.678	64	57010	51.333	ug/l	98
7) Trichlorofluoromethane	1.886	101	151999	50.806	ug/l	97
8) Diethyl Ether	2.130	74	55559	49.794	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	65483	50.138	ug/l	97
10) Methyl Iodide	2.453	142	88209	46.940	ug/l	94
11) Tert butyl alcohol	2.959	59	97099	194.485	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	62197	48.957	ug/l	87
13) Acrolein	2.233	56	74092	233.357	ug/l	100
14) Allyl chloride	2.666	41	100066	44.036	ug/l #	93
15) Acrylonitrile	3.062	53	242003	238.102	ug/l	99
16) Acetone	2.380	43	205129	220.067	ug/l	92
17) Carbon Disulfide	2.514	76	141605	38.673	ug/l	99
18) Methyl Acetate	2.703	43	192260	48.098	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	240940	47.619	ug/l	97
20) Methylene Chloride	2.788	84	77885	44.422	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	73152	46.505	ug/l	89
22) Diisopropyl ether	3.757	45	227117	47.688	ug/l	96
23) Vinyl Acetate	3.721	43	823913	235.904	ug/l	96
24) 1,1-Dichloroethane	3.611	63	132816	45.953	ug/l	98
25) 2-Butanone	4.550	43	352102	234.118	ug/l	93
26) 2,2-Dichloropropane	4.477	77	98654	43.719	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	90694	48.412	ug/l	89
28) Bromochloromethane	4.897	49	68235	52.297	ug/l	86
29) Tetrahydrofuran	5.001	42	229871	234.762	ug/l	88
30) Chloroform	5.092	83	159450	50.449	ug/l	97
31) Cyclohexane	5.470	56	107015	44.225	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	134476	49.675	ug/l	99
36) 1,1-Dichloropropene	5.690	75	109070	46.520	ug/l	98
37) Ethyl Acetate	4.714	43	132105	47.443	ug/l	97
38) Carbon Tetrachloride	5.678	117	112922	48.959	ug/l	99
39) Methylcyclohexane	7.379	83	122889	44.748	ug/l	95
40) Benzene	6.037	78	320620	48.892	ug/l	100

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41) Methacrylonitrile	4.922	41	69674	50.299	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	128261	48.954	ug/l	99
43) Isopropyl Acetate	6.336	43	196169	47.192	ug/l	96
44) Trichloroethene	7.123	130	90907	53.002	ug/l	98
45) 1,2-Dichloropropane	7.427	63	83503	49.199	ug/l	98
46) Dibromomethane	7.580	93	65523	49.776	ug/l	96
47) Bromodichloromethane	7.824	83	122132	52.154	ug/l	97
48) Methyl methacrylate	7.690	41	100115	50.451	ug/l #	85
49) 1,4-Dioxane	7.659	88	45050	921.270	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	734758	256.263	ug/l	97
52) Toluene	8.720	92	561003	131.330	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	126746	50.423	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	131331	49.729	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	95551	52.295	ug/l	97
56) Ethyl methacrylate	9.116	69	140764	50.248	ug/l	93
57) 1,3-Dichloropropane	9.305	76	149629	50.633	ug/l	99
59) 2-Hexanone	9.427	43	590003	255.965	ug/l	94
60) Dibromochloromethane	9.518	129	96522	53.976	ug/l	99
61) 1,2-Dibromoethane	9.610	107	101859	51.552	ug/l	100
64) Tetrachloroethene	9.275	164	76166	49.707	ug/l	97
65) Chlorobenzene	10.079	112	238589	48.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	87894	52.478	ug/l	99
67) Ethyl Benzene	10.195	91	435268	49.232	ug/l	99
68) m/p-Xylenes	10.299	106	342938	100.317	ug/l	99
69) o-Xylene	10.640	106	165790	49.690	ug/l	98
70) Styrene	10.652	104	283157	52.113	ug/l	96
71) Bromoform	10.799	173	73112	47.224	ug/l #	100
73) Isopropylbenzene	10.963	105	441331	47.659	ug/l	99
74) N-amyl acetate	10.841	43	188057	47.556	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	170543	50.190	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	153496m	48.898	ug/l	
77) Bromobenzene	11.195	156	110677	48.955	ug/l	90
78) n-propylbenzene	11.305	91	538436	47.553	ug/l	99
79) 2-Chlorotoluene	11.366	91	312819	46.585	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	388875	48.676	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	43370	41.121	ug/l	96
82) 4-Chlorotoluene	11.451	91	370312	46.603	ug/l	97
83) tert-Butylbenzene	11.713	119	389844	49.939	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	389756	48.930	ug/l	99
85) sec-Butylbenzene	11.890	105	487716	48.230	ug/l	100
86) p-Isopropyltoluene	12.006	119	405408	48.592	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	216070	47.583	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	218800	47.196	ug/l	98
89) n-Butylbenzene	12.335	91	383070	46.103	ug/l	97
90) Hexachloroethane	12.536	117	68546	49.552	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	213093	48.820	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39926	48.598	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	136106	46.491	ug/l	96
94) Hexachlorobutadiene	13.725	225	54678	46.404	ug/l	98
95) Naphthalene	13.774	128	472536	46.349	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	130854	46.162	ug/l	97

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

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