

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038344.D
 Acq On : 17 Oct 2023 20:56
 Operator : JC/MD
 Sample : 04899-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-18-37-40MSD

Quant Time: Oct 18 04:06:49 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 : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	141102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106526	46.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.880%		
35) Dibromofluoromethane	5.385	113	89589	51.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.040%		
50) Toluene-d8	8.647	98	334712	49.882	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.760%		
62) 4-Bromofluorobenzene	11.079	95	133931	52.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	76748	56.350	ug/l	98
3) Chloromethane	1.295	50	79270	57.104	ug/l	96
4) Vinyl Chloride	1.374	62	97555	63.384	ug/l	99
5) Bromomethane	1.599	94	130204	64.662	ug/l	98
6) Chloroethane	1.679	64	66946	58.512	ug/l	98
7) Trichlorofluoromethane	1.886	101	181981	59.860	ug/l	99
8) Diethyl Ether	2.136	74	64105	56.540	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	78667	59.274	ug/l	98
10) Methyl Iodide	2.453	142	106592	55.820	ug/l	94
11) Tert butyl alcohol	2.959	59	129395	258.663	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	74922	58.035	ug/l	89
13) Acrolein	2.233	56	67518	209.268	ug/l	99
14) Allyl chloride	2.666	41	117378	50.833	ug/l #	93
15) Acrylonitrile	3.063	53	270365	261.774	ug/l	99
16) Acetone	2.380	43	233984	247.030	ug/l	93
17) Carbon Disulfide	2.508	76	195158	52.451	ug/l	100
18) Methyl Acetate	2.703	43	213421	52.542	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	272848	53.067	ug/l	98
20) Methylene Chloride	2.788	84	89983	50.506	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	86927	54.383	ug/l	88
22) Diisopropyl ether	3.758	45	251440	51.956	ug/l #	93
23) Vinyl Acetate	3.721	43	892168	251.383	ug/l #	95
24) 1,1-Dichloroethane	3.611	63	153739	52.346	ug/l	99
25) 2-Butanone	4.550	43	388226	254.031	ug/l	91
26) 2,2-Dichloropropane	4.471	77	100547	43.849	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	102618	53.906	ug/l	88
28) Bromochloromethane	4.898	49	65502	49.404	ug/l #	82
29) Tetrahydrofuran	5.001	42	255301	256.585	ug/l #	86
30) Chloroform	5.093	83	317099	98.733	ug/l	99
31) Cyclohexane	5.471	56	130062	52.895	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	151297	54.999	ug/l	98
36) 1,1-Dichloropropene	5.696	75	124500	51.415	ug/l	97
37) Ethyl Acetate	4.715	43	141431	49.179	ug/l	96
38) Carbon Tetrachloride	5.678	117	131825	55.340	ug/l	98
39) Methylcyclohexane	7.385	83	151786	53.515	ug/l	92
40) Benzene	6.038	78	364813	53.865	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	74120	51.810	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	139655	51.610	ug/l	98
43) Isopropyl Acetate	6.336	43	214311	49.919	ug/l #	95
44) Trichloroethene	7.129	130	99081	55.933	ug/l	95
45) 1,2-Dichloropropane	7.428	63	92033	52.503	ug/l	100
46) Dibromomethane	7.580	93	73268	53.892	ug/l	96
47) Bromodichloromethane	7.824	83	134972	55.807	ug/l	98
48) Methyl methacrylate	7.690	41	106689	52.057	ug/l #	83
49) 1,4-Dioxane	7.659	88	50917	1008.188	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	787857	266.058	ug/l	96
52) Toluene	8.720	92	249272	56.501	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	142914	55.050	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	145653	53.401	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	106114	56.233	ug/l	95
56) Ethyl methacrylate	9.116	69	160698	55.542	ug/l	90
57) 1,3-Dichloropropane	9.305	76	169754	55.620	ug/l	100
59) 2-Hexanone	9.427	43	640335	268.980	ug/l	93
60) Dibromochloromethane	9.519	129	109740	59.419	ug/l	99
61) 1,2-Dibromoethane	9.610	107	117518	57.588	ug/l	100
64) Tetrachloroethene	9.275	164	84109	51.987	ug/l	96
65) Chlorobenzene	10.080	112	277269	53.019	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	100612	56.894	ug/l	99
67) Ethyl Benzene	10.195	91	496114	53.147	ug/l	98
68) m/p-Xylenes	10.299	106	386197	106.996	ug/l	98
69) o-Xylene	10.640	106	187451	53.211	ug/l	100
70) Styrene	10.653	104	305004	53.165	ug/l	96
71) Bromoform	10.799	173	81677	49.800	ug/l #	99
73) Isopropylbenzene	10.964	105	500384	53.144	ug/l	99
74) N-amyl acetate	10.842	43	201284	50.061	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	182684	52.876	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	166223m	52.078	ug/l	
77) Bromobenzene	11.195	156	123000	53.508	ug/l	90
78) n-propylbenzene	11.305	91	591297	51.360	ug/l	99
79) 2-Chlorotoluene	11.366	91	348008	50.970	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	427908	52.677	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	47967	44.375	ug/l	90
82) 4-Chlorotoluene	11.451	91	409084	50.633	ug/l	96
83) tert-Butylbenzene	11.713	119	426489	53.732	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	430846	53.196	ug/l	99
85) sec-Butylbenzene	11.890	105	542044	52.718	ug/l	100
86) p-Isopropyltoluene	12.006	119	451544	53.228	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	239295	51.828	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	243370	51.630	ug/l	98
89) n-Butylbenzene	12.335	91	418628	49.551	ug/l	97
90) Hexachloroethane	12.536	117	76279	54.232	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	234237	52.778	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43610	52.206	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	151863	51.017	ug/l	96
94) Hexachlorobutadiene	13.725	225	59436	49.609	ug/l	99
95) Naphthalene	13.774	128	524323	50.580	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146528	50.838	ug/l	98

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

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