

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038343.D
 Acq On : 17 Oct 2023 20:32
 Operator : JC/MD
 Sample : 04899-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Oct 18 04:06:00 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	135003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92244	42.481	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.960%		
35) Dibromofluoromethane	5.385	113	74895	44.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.340%		
50) Toluene-d8	8.647	98	281159	43.392	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.780%#		
62) 4-Bromofluorobenzene	11.079	95	116009	47.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64616	49.585	ug/l	100
3) Chloromethane	1.294	50	69538	52.356	ug/l	96
4) Vinyl Chloride	1.374	62	90823	61.676	ug/l	96
5) Bromomethane	1.599	94	125103	64.939	ug/l	100
6) Chloroethane	1.679	64	66196	60.258	ug/l	98
7) Trichlorofluoromethane	1.886	101	175582	60.365	ug/l	98
8) Diethyl Ether	2.130	74	60666	55.924	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	70767	55.731	ug/l	97
10) Methyl Iodide	2.453	142	94360	51.647	ug/l	95
11) Tert butyl alcohol	2.959	59	115733	241.048	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	68740	55.652	ug/l	86
13) Acrolein	2.233	56	61030	197.705	ug/l	100
14) Allyl chloride	2.666	41	108064	48.913	ug/l #	93
15) Acrylonitrile	3.062	53	257272	260.350	ug/l	99
16) Acetone	2.380	43	214651	236.857	ug/l	93
17) Carbon Disulfide	2.514	76	171366	48.137	ug/l	100
18) Methyl Acetate	2.703	43	198298	51.025	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	256038	52.048	ug/l	98
20) Methylene Chloride	2.788	84	83483	48.974	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	81107	53.034	ug/l	87
22) Diisopropyl ether	3.757	45	236072	50.984	ug/l #	95
23) Vinyl Acetate	3.721	43	833956	245.596	ug/l	96
24) 1,1-Dichloroethane	3.611	63	142604	50.748	ug/l	99
25) 2-Butanone	4.550	43	368780	252.208	ug/l	93
26) 2,2-Dichloropropane	4.477	77	91413	41.666	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	95213	52.275	ug/l	88
28) Bromochloromethane	4.897	49	61039	48.118	ug/l	84
29) Tetrahydrofuran	5.001	42	241328	253.499	ug/l #	87
30) Chloroform	5.093	83	293294	95.446	ug/l	97
31) Cyclohexane	5.471	56	121138	51.491	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	141480	53.754	ug/l	99
36) 1,1-Dichloropropene	5.690	75	113860	48.694	ug/l	97
37) Ethyl Acetate	4.708	43	132397	47.676	ug/l	96
38) Carbon Tetrachloride	5.678	117	120102	52.213	ug/l	98
39) Methylcyclohexane	7.379	83	138964	50.738	ug/l	94
40) Benzene	6.037	78	341026	52.145	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	71703	51.904	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	131652	50.384	ug/l	98
43) Isopropyl Acetate	6.342	43	203491	49.086	ug/l	97
44) Trichloroethene	7.123	130	92414	54.026	ug/l	95
45) 1,2-Dichloropropane	7.427	63	85585	50.562	ug/l	97
46) Dibromomethane	7.580	93	68912	52.491	ug/l	97
47) Bromodichloromethane	7.824	83	126996	54.378	ug/l	94
48) Methyl methacrylate	7.690	41	101674	51.375	ug/l #	84
49) 1,4-Dioxane	7.659	88	45734	937.786	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	754736	263.942	ug/l	96
52) Toluene	8.720	92	232854	54.658	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	132778	52.966	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	135943	51.614	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	98874	54.260	ug/l	94
56) Ethyl methacrylate	9.116	69	148974	53.322	ug/l	92
57) 1,3-Dichloropropane	9.305	76	159484	54.114	ug/l	99
59) 2-Hexanone	9.427	43	613451	266.857	ug/l	94
60) Dibromochloromethane	9.519	129	102838	57.664	ug/l	100
61) 1,2-Dibromoethane	9.610	107	111160	56.411	ug/l	100
64) Tetrachloroethene	9.275	164	77530	49.272	ug/l	96
65) Chlorobenzene	10.079	112	256828	50.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	92284	53.657	ug/l	98
67) Ethyl Benzene	10.195	91	464805	51.197	ug/l	98
68) m/p-Xylenes	10.299	106	367910	104.805	ug/l	97
69) o-Xylene	10.640	106	179026	52.253	ug/l	99
70) Styrene	10.653	104	293638	52.627	ug/l	96
71) Bromoform	10.799	173	77986	48.943	ug/l #	99
73) Isopropylbenzene	10.963	105	476890	51.291	ug/l	99
74) N-amyl acetate	10.842	43	193470	48.727	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	176821	51.827	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	161701m	51.303	ug/l	
77) Bromobenzene	11.201	156	117884	51.932	ug/l	91
78) n-propylbenzene	11.305	91	566017	49.787	ug/l	100
79) 2-Chlorotoluene	11.366	91	329409	48.857	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	411068	51.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	44989	42.350	ug/l	91
82) 4-Chlorotoluene	11.451	91	393284	49.294	ug/l	97
83) tert-Butylbenzene	11.713	119	406600	51.875	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	406900	50.876	ug/l	98
85) sec-Butylbenzene	11.890	105	516117	50.832	ug/l	100
86) p-Isopropyltoluene	12.006	119	428847	51.193	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	229365	50.307	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	230235	49.462	ug/l	97
89) n-Butylbenzene	12.329	91	397792	47.681	ug/l	97
90) Hexachloroethane	12.536	117	72601	52.272	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	222830	50.845	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41891	50.784	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	140117	47.668	ug/l	97
94) Hexachlorobutadiene	13.725	225	55179	46.640	ug/l	98
95) Naphthalene	13.774	128	500520	48.895	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	137195	48.203	ug/l	97

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

