

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038487.D
 Acq On : 25 Oct 2023 18:02
 Operator : JC/MD
 Sample : 05007-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-24-10-13MS

Quant Time: Oct 26 04:08:32 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 10/26/2023
 Supervised By : Mahesh Dadoda 10/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	158651	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	267411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123986	48.588	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.180%		
35) Dibromofluoromethane	5.385	113	111645	57.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	115.880%		
50) Toluene-d8	8.647	98	384179	52.177	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.360%		
62) 4-Bromofluorobenzene	11.079	95	155221	55.607	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	86686	56.606	ug/l	99
3) Chloromethane	1.294	50	80578	51.626	ug/l	97
4) Vinyl Chloride	1.374	62	92382	53.383	ug/l	98
5) Bromomethane	1.593	94	117238	51.610	ug/l	99
6) Chloroethane	1.685	64	63153	49.897	ug/l	97
7) Trichlorofluoromethane	1.886	101	174569	51.071	ug/l	99
8) Diethyl Ether	2.130	74	62665	49.156	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	90844	60.878	ug/l	94
10) Methyl Iodide	2.453	142	123606	57.570	ug/l	92
11) Tert butyl alcohol	2.959	59	150531	268.031	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	87688	60.411	ug/l	83
13) Acrolein	2.233	56	115187	317.525	ug/l	100
14) Allyl chloride	2.666	41	132535	51.048	ug/l	# 96
15) Acrylonitrile	3.062	53	312772	269.336	ug/l	99
16) Acetone	2.380	43	261778	245.803	ug/l	91
17) Carbon Disulfide	2.514	76	209986	50.193	ug/l	100
18) Methyl Acetate	2.703	43	243519	53.321	ug/l	# 88
19) Methyl tert-butyl Ether	3.111	73	318513	55.097	ug/l	98
20) Methylene Chloride	2.788	84	107276	53.551	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	98728	54.934	ug/l	84
22) Diisopropyl ether	3.757	45	284949	52.367	ug/l	# 93
23) Vinyl Acetate	3.721	43	963562	241.468	ug/l	95
24) 1,1-Dichloroethane	3.611	63	175375	53.107	ug/l	98
25) 2-Butanone	4.550	43	430944	250.791	ug/l	# 90
26) 2,2-Dichloropropane	4.477	77	119419	46.318	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	120220	56.167	ug/l	86
28) Bromochloromethane	4.897	49	72874	48.884	ug/l	# 74
29) Tetrahydrofuran	5.001	42	277480	248.028	ug/l	# 84
30) Chloroform	5.092	83	203573	56.374	ug/l	100
31) Cyclohexane	5.470	56	134007	48.471	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	172640	55.816	ug/l	97
36) 1,1-Dichloropropene	5.690	75	136498	51.371	ug/l	95
37) Ethyl Acetate	4.708	43	153199	48.547	ug/l	96
38) Carbon Tetrachloride	5.678	117	152034	58.163	ug/l	100
39) Methylcyclohexane	7.379	83	157101	50.477	ug/l	90
40) Benzene	6.037	78	410219	55.198	ug/l	100

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41) Methacrylonitrile	4.922	41	83452	53.159	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	151322	50.963	ug/l	96
43) Isopropyl Acetate	6.342	43	237226	50.357	ug/l #	94
44) Trichloroethene	7.129	130	116496	59.932	ug/l	93
45) 1,2-Dichloropropane	7.434	63	105916	55.065	ug/l	96
46) Dibromomethane	7.580	93	84657	56.747	ug/l	91
47) Bromodichloromethane	7.824	83	157653	59.404	ug/l	96
48) Methyl methacrylate	7.690	41	117353	52.182	ug/l #	83
49) 1,4-Dioxane	7.659	88	44986	811.755	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	869321	267.533	ug/l	95
52) Toluene	8.720	92	283225	58.504	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	158219	55.541	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	167412	55.935	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	120829	58.352	ug/l	96
56) Ethyl methacrylate	9.116	69	176323	55.538	ug/l	90
57) 1,3-Dichloropropane	9.311	76	186627	55.725	ug/l	100
59) 2-Hexanone	9.427	43	696299	266.549	ug/l	92
60) Dibromochloromethane	9.518	129	132841	65.549	ug/l	100
61) 1,2-Dibromoethane	9.610	107	131471	58.712	ug/l	100
64) Tetrachloroethene	9.275	164	98956	57.750	ug/l	94
65) Chlorobenzene	10.079	112	312398	56.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	117975	62.989	ug/l	98
67) Ethyl Benzene	10.195	91	541737	54.795	ug/l	99
68) m/p-Xylenes	10.299	106	425840	111.394	ug/l	96
69) o-Xylene	10.640	106	210403	56.392	ug/l	96
70) Styrene	10.659	104	347721	57.228	ug/l	94
71) Bromoform	10.799	173	104545	59.587	ug/l #	99
73) Isopropylbenzene	10.963	105	551565	53.881	ug/l	97
74) N-amyl acetate	10.841	43	212847	48.691	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	208928	55.621	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	184178m	53.075	ug/l	
77) Bromobenzene	11.195	156	144544	57.836	ug/l	84
78) n-propylbenzene	11.305	91	647836	51.757	ug/l	98
79) 2-Chlorotoluene	11.366	91	379208	51.085	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	474673	53.748	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	53784	45.640	ug/l	89
82) 4-Chlorotoluene	11.451	91	447847	50.985	ug/l	95
83) tert-Butylbenzene	11.713	119	490527	56.843	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	470393	53.420	ug/l	97
85) sec-Butylbenzene	11.890	105	591030	52.872	ug/l	99
86) p-Isopropyltoluene	12.006	119	502354	54.468	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	274503	54.685	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	279755	54.589	ug/l	97
89) n-Butylbenzene	12.329	91	440041	47.908	ug/l	96
90) Hexachloroethane	12.536	117	87961	57.522	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	273318	56.645	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48381	53.272	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	176265	54.465	ug/l	96
94) Hexachlorobutadiene	13.725	225	65214	50.066	ug/l	99
95) Naphthalene	13.774	128	589875	52.339	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	173155	55.258	ug/l	98

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

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