

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038488.D
 Acq On : 25 Oct 2023 18:25
 Operator : JC/MD
 Sample : 05007-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Oct 26 04:09:22 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 :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	176423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	286924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120728	42.545	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.100%		
35) Dibromofluoromethane	5.385	113	110390	53.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.780%		
50) Toluene-d8	8.647	98	378847	47.953	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.900%		
62) 4-Bromofluorobenzene	11.079	95	149919	50.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	89079	52.309	ug/l	100
3) Chloromethane	1.294	50	82947	47.790	ug/l	100
4) Vinyl Chloride	1.374	62	94845	49.286	ug/l	100
5) Bromomethane	1.593	94	134808	53.396	ug/l	97
6) Chloroethane	1.685	64	63092	45.178	ug/l	97
7) Trichlorofluoromethane	1.886	101	175740	46.234	ug/l	99
8) Diethyl Ether	2.130	74	63465	44.768	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	91336	55.042	ug/l	96
10) Methyl Iodide	2.453	142	125950	52.752	ug/l	92
11) Tert butyl alcohol	2.959	59	155570	248.280	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	88457	54.802	ug/l	83
13) Acrolein	2.233	56	116811	289.564	ug/l	100
14) Allyl chloride	2.660	41	134396	46.550	ug/l	# 95
15) Acrylonitrile	3.062	53	318021	246.269	ug/l	99
16) Acetone	2.380	43	256961	216.974	ug/l	91
17) Carbon Disulfide	2.514	76	215909	46.410	ug/l	99
18) Methyl Acetate	2.703	43	245983	48.435	ug/l	# 89
19) Methyl tert-butyl Ether	3.111	73	321769	50.053	ug/l	97
20) Methylene Chloride	2.788	84	109343	49.085	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	102285	51.180	ug/l	85
22) Diisopropyl ether	3.757	45	286919	47.417	ug/l	# 93
23) Vinyl Acetate	3.721	43	975986	219.943	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	177013	48.204	ug/l	97
25) 2-Butanone	4.550	43	434441	227.358	ug/l	# 88
26) 2,2-Dichloropropane	4.477	77	119690	41.747	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	121944	51.233	ug/l	86
28) Bromochloromethane	4.897	49	74305	44.823	ug/l	# 72
29) Tetrahydrofuran	5.001	42	279882	224.974	ug/l	# 84
30) Chloroform	5.093	83	203756	50.741	ug/l	95
31) Cyclohexane	5.471	56	134780	43.839	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	176774	51.395	ug/l	97
36) 1,1-Dichloropropene	5.690	75	136488	47.874	ug/l	95
37) Ethyl Acetate	4.708	43	153703	45.394	ug/l	95
38) Carbon Tetrachloride	5.678	117	152078	54.223	ug/l	96
39) Methylcyclohexane	7.379	83	155309	46.508	ug/l	90
40) Benzene	6.037	78	411708	51.630	ug/l	100

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41) Methacrylonitrile	4.916	41	83897	49.808	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	152928	48.001	ug/l	96
43) Isopropyl Acetate	6.342	43	242076	47.891	ug/l #	94
44) Trichloroethene	7.129	130	120811	57.925	ug/l	91
45) 1,2-Dichloropropane	7.434	63	105700	51.215	ug/l	98
46) Dibromomethane	7.580	93	84670	52.896	ug/l	91
47) Bromodichloromethane	7.818	83	157229	55.215	ug/l	98
48) Methyl methacrylate	7.690	41	118890	49.270	ug/l #	84
49) 1,4-Dioxane	7.659	88	47908	805.690	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	870185	249.587	ug/l	94
52) Toluene	8.720	92	289256	55.686	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	159517	52.188	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	166800	51.940	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	121017	54.468	ug/l	96
56) Ethyl methacrylate	9.116	69	178161	52.300	ug/l	90
57) 1,3-Dichloropropane	9.305	76	191361	53.253	ug/l	99
59) 2-Hexanone	9.427	43	698768	249.303	ug/l	93
60) Dibromochloromethane	9.519	129	134908	62.041	ug/l	99
61) 1,2-Dibromoethane	9.610	107	131243	54.624	ug/l	99
64) Tetrachloroethene	9.275	164	100912	55.838	ug/l	98
65) Chlorobenzene	10.079	112	313024	53.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	119806	60.650	ug/l	100
67) Ethyl Benzene	10.195	91	544913	52.259	ug/l	99
68) m/p-Xylenes	10.299	106	425256	105.474	ug/l	96
69) o-Xylene	10.640	106	209846	53.327	ug/l	95
70) Styrene	10.653	104	343586	53.616	ug/l	95
71) Bromoform	10.799	173	104870	56.814	ug/l #	99
73) Isopropylbenzene	10.963	105	555278	50.953	ug/l	98
74) N-amyl acetate	10.842	43	214397	46.070	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	209506	52.392	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	184525m	49.949	ug/l	
77) Bromobenzene	11.195	156	146022	54.883	ug/l	84
78) n-propylbenzene	11.305	91	643830	48.317	ug/l	98
79) 2-Chlorotoluene	11.366	91	379623	48.038	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	472885	50.297	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53116	42.630	ug/l	91
82) 4-Chlorotoluene	11.457	91	448930	48.007	ug/l	94
83) tert-Butylbenzene	11.713	119	477463	51.972	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	469686	50.104	ug/l	97
85) sec-Butylbenzene	11.890	105	583089	48.997	ug/l	98
86) p-Isopropyltoluene	12.006	119	501615	51.089	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	279903	52.378	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	283796	52.018	ug/l	97
89) n-Butylbenzene	12.335	91	440501	45.048	ug/l	96
90) Hexachloroethane	12.536	117	87320	53.639	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	278628	54.242	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49450	51.146	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	183016	53.121	ug/l	97
94) Hexachlorobutadiene	13.725	225	68055	49.078	ug/l	100
95) Naphthalene	13.774	128	606385	50.540	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	178774	53.590	ug/l	97

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

