

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038748.D
 Acq On : 11 Nov 2023 00:54
 Operator : JC/MD
 Sample : VX1110WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110WBS02

Quant Time: Nov 11 02:03:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/13/2023
 Supervised By : Mahesh Dadoda 11/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	306100	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	473385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191584	50.273	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.540%			
35) Dibromofluoromethane	5.385	113	172554	50.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.220%			
50) Toluene-d8	8.647	98	612541	50.207	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.420%			
62) 4-Bromofluorobenzene	11.079	95	243478	51.473	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	57508	18.091	ug/l	99
3) Chloromethane	1.294	50	44504	16.198	ug/l	99
4) Vinyl Chloride	1.374	62	51813	17.714	ug/l	98
5) Bromomethane	1.605	94	42426	18.792	ug/l	99
6) Chloroethane	1.691	64	32856	17.741	ug/l	98
7) Trichlorofluoromethane	1.892	101	95578	18.954	ug/l	100
8) Diethyl Ether	2.136	74	32122	18.556	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	55547	18.630	ug/l	89
10) Methyl Iodide	2.453	142	74728	20.294	ug/l	91
11) Tert butyl alcohol	2.953	59	66038	84.769	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	52306	18.310	ug/l #	77
13) Acrolein	2.233	56	42530	72.030	ug/l	99
14) Allyl chloride	2.666	41	66761	16.316	ug/l #	94
15) Acrylonitrile	3.062	53	150504	91.543	ug/l	100
16) Acetone	2.373	43	133612	83.251	ug/l	90
17) Carbon Disulfide	2.514	76	122725	16.168	ug/l	99
18) Methyl Acetate	2.703	43	129709	18.970	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	165543	18.121	ug/l	97
20) Methylene Chloride	2.788	84	58474	18.074	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	56335	18.114	ug/l #	82
22) Diisopropyl ether	3.757	45	138277	17.931	ug/l #	91
23) Vinyl Acetate	3.721	43	438885	80.182	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	90904	17.817	ug/l	97
25) 2-Butanone	4.556	43	201853	86.820	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	62976	14.137	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	65406	18.212	ug/l	83
28) Bromochloromethane	4.904	49	45450	19.822	ug/l #	54
29) Tetrahydrofuran	5.001	42	130760	90.396	ug/l #	79
30) Chloroform	5.093	83	106709	17.826	ug/l	95
31) Cyclohexane	5.470	56	71860	17.038	ug/l #	84
32) 1,1,1-Trichloroethane	5.385	97	94987	18.030	ug/l	95
36) 1,1-Dichloropropene	5.690	75	73560	17.369	ug/l	94
37) Ethyl Acetate	4.715	43	75224	17.397	ug/l #	93
38) Carbon Tetrachloride	5.678	117	84260	17.797	ug/l	97
39) Methylcyclohexane	7.379	83	89355	16.875	ug/l	90
40) Benzene	6.037	78	214826	17.611	ug/l	99

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41) Methacrylonitrile	4.916	41	38784	17.605	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	79083	17.967	ug/l	95
43) Isopropyl Acetate	6.342	43	112201	16.878	ug/l #	91
44) Trichloroethene	7.129	130	68495	18.046	ug/l	93
45) 1,2-Dichloropropane	7.427	63	53113	18.011	ug/l	99
46) Dibromomethane	7.586	93	44831	18.179	ug/l #	86
47) Bromodichloromethane	7.818	83	80507	17.358	ug/l	96
48) Methyl methacrylate	7.696	41	56922	17.767	ug/l #	85
49) 1,4-Dioxane	7.659	88	27188	372.780	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	393075	90.753	ug/l	91
52) Toluene	8.720	92	148359	18.566	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	77713	16.458	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	84659	16.984	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	62505	18.435	ug/l	96
56) Ethyl methacrylate	9.116	69	87353	18.414	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	95849	18.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	218751	93.788	ug/l	90
59) 2-Hexanone	9.427	43	311939	89.009	ug/l	90
60) Dibromochloromethane	9.519	129	68794	18.074	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70422	18.481	ug/l	99
64) Tetrachloroethene	9.275	164	63223	18.312	ug/l	97
65) Chlorobenzene	10.079	112	171548	18.270	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	64401	18.245	ug/l	100
67) Ethyl Benzene	10.195	91	283514	17.851	ug/l	97
68) m/p-Xylenes	10.299	106	227693	36.121	ug/l	95
69) o-Xylene	10.640	106	111297	18.156	ug/l	95
70) Styrene	10.652	104	182642	18.053	ug/l	95
71) Bromoform	10.799	173	53916	17.306	ug/l #	100
73) Isopropylbenzene	10.963	105	292573	18.234	ug/l	97
74) N-amyl acetate	10.841	43	91687	16.446	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	99742	17.981	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	90939m	17.557	ug/l	
77) Bromobenzene	11.195	156	80376	18.252	ug/l	81
78) n-propylbenzene	11.305	91	333050	17.837	ug/l	95
79) 2-Chlorotoluene	11.366	91	203901	18.240	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	251895	18.241	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22505	15.137	ug/l	93
82) 4-Chlorotoluene	11.451	91	235137	18.005	ug/l	93
83) tert-Butylbenzene	11.713	119	250103	17.874	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	249320	18.203	ug/l	97
85) sec-Butylbenzene	11.890	105	308012	17.641	ug/l	97
86) p-Isopropyltoluene	12.006	119	264919	17.811	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	149214	17.723	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	152183	17.586	ug/l	97
89) n-Butylbenzene	12.335	91	223826	16.911	ug/l	96
90) Hexachloroethane	12.536	117	41675	16.542	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	148175	18.021	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23366	16.760	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	103315	17.568	ug/l	97
94) Hexachlorobutadiene	13.725	225	43617	17.188	ug/l	98
95) Naphthalene	13.774	128	320720	18.080	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	101242	17.466	ug/l	97

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

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