

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038721.D
 Acq On : 10 Nov 2023 12:17
 Operator : JC/MD
 Sample : VX1110WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110WBS01

Quant Time: Nov 11 01:51:13 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	312913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	468391	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	265857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180697	46.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.760%		
35) Dibromofluoromethane	5.385	113	164129	48.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.300%		
50) Toluene-d8	8.647	98	589593	48.841	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	235578	50.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	61342	18.877	ug/l	99
3) Chloromethane	1.294	50	47087	16.765	ug/l	99
4) Vinyl Chloride	1.374	62	54854	18.346	ug/l	99
5) Bromomethane	1.605	94	43165	18.703	ug/l	99
6) Chloroethane	1.691	64	34940	18.455	ug/l	97
7) Trichlorofluoromethane	1.892	101	101764	19.741	ug/l	99
8) Diethyl Ether	2.136	74	32402	18.310	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	58300	19.127	ug/l	87
10) Methyl Iodide	2.453	142	73343	19.484	ug/l	91
11) Tert butyl alcohol	2.953	59	63732	80.028	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	54166	18.548	ug/l #	79
13) Acrolein	2.233	56	55313	91.640	ug/l	98
14) Allyl chloride	2.666	41	71134	17.007	ug/l #	94
15) Acrylonitrile	3.062	53	154281	91.797	ug/l	99
16) Acetone	2.374	43	148122	90.282	ug/l #	89
17) Carbon Disulfide	2.514	76	134004	17.270	ug/l	99
18) Methyl Acetate	2.703	43	125336	17.931	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	173121	18.538	ug/l	94
20) Methylene Chloride	2.788	84	60520	18.299	ug/l #	80
21) trans-1,2-Dichloroethene	3.093	96	58918	18.532	ug/l #	82
22) Diisopropyl ether	3.757	45	143633	18.220	ug/l #	92
23) Vinyl Acetate	3.721	43	510101	91.164	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	94651	18.148	ug/l	99
25) 2-Butanone	4.550	43	210642	88.628	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	77760	17.076	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	68336	18.614	ug/l	84
28) Bromochloromethane	4.898	49	45029	19.211	ug/l #	54
29) Tetrahydrofuran	5.001	42	131633	89.019	ug/l #	80
30) Chloroform	5.093	83	110953	18.131	ug/l	97
31) Cyclohexane	5.471	56	77369	17.945	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	99384	18.454	ug/l	96
36) 1,1-Dichloropropene	5.696	75	77438	18.479	ug/l	94
37) Ethyl Acetate	4.708	43	75608	17.672	ug/l #	92
38) Carbon Tetrachloride	5.672	117	89692	19.146	ug/l	93
39) Methylcyclohexane	7.379	83	97477	18.605	ug/l	89
40) Benzene	6.038	78	226285	18.748	ug/l	100

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41) Methacrylonitrile	4.916	41	38614	17.715	ug/l #	82
42) 1,2-Dichloroethane	6.086	62	83511	19.175	ug/l	96
43) Isopropyl Acetate	6.342	43	115177	17.510	ug/l #	91
44) Trichloroethene	7.123	130	72619	19.337	ug/l	95
45) 1,2-Dichloropropane	7.428	63	54908	18.818	ug/l	100
46) Dibromomethane	7.580	93	45446	18.625	ug/l #	83
47) Bromodichloromethane	7.818	83	82657	18.012	ug/l	96
48) Methyl methacrylate	7.690	41	57569	18.161	ug/l #	84
49) 1,4-Dioxane	7.659	88	28904	400.534	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	403567	94.169	ug/l	93
52) Toluene	8.720	92	157359	19.902	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	83573	17.888	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	90975	18.446	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	65540	19.536	ug/l	97
56) Ethyl methacrylate	9.116	69	89494	19.066	ug/l	85
57) 1,3-Dichloropropane	9.305	76	100194	19.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	225039	97.512	ug/l #	88
59) 2-Hexanone	9.427	43	319137	92.033	ug/l	90
60) Dibromochloromethane	9.519	129	70938	18.836	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72947	19.347	ug/l	99
64) Tetrachloroethene	9.275	164	64972	19.087	ug/l	92
65) Chlorobenzene	10.079	112	179853	19.428	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67542	19.408	ug/l	99
67) Ethyl Benzene	10.195	91	303196	19.362	ug/l	99
68) m/p-Xylenes	10.299	106	242539	39.026	ug/l	95
69) o-Xylene	10.640	106	117351	19.417	ug/l	95
70) Styrene	10.653	104	194205	19.470	ug/l	95
71) Bromoform	10.799	173	56127	18.273	ug/l #	100
73) Isopropylbenzene	10.963	105	309898	19.000	ug/l	97
74) N-amyl acetate	10.842	43	99358	17.533	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	104375	18.511	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	94644m	17.975	ug/l	
77) Bromobenzene	11.195	156	83792	18.719	ug/l	81
78) n-propylbenzene	11.305	91	357973	18.861	ug/l	96
79) 2-Chlorotoluene	11.366	91	214944	18.916	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	269307	19.185	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25962	17.002	ug/l	90
82) 4-Chlorotoluene	11.451	91	252055	18.987	ug/l	93
83) tert-Butylbenzene	11.713	119	264440	18.591	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	267774	19.233	ug/l	96
85) sec-Butylbenzene	11.890	105	336575	18.964	ug/l	97
86) p-Isopropyltoluene	12.006	119	290127	19.189	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	160173	18.716	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	162696	18.495	ug/l	97
89) n-Butylbenzene	12.335	91	250467	18.616	ug/l	97
90) Hexachloroethane	12.536	117	46067	17.988	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	156499	18.724	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24920	17.584	ug/l	66
93) 1,2,4-Trichlorobenzene	13.585	180	112807	18.870	ug/l	96
94) Hexachlorobutadiene	13.725	225	48630	18.852	ug/l	98
95) Naphthalene	13.774	128	340236	18.868	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	111077	18.851	ug/l	97

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

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