

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038921.D
 Acq On : 18 Nov 2023 12:21
 Operator : JC/MD
 Sample : VX1118WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1118WBS01

Quant Time: Nov 20 04:32:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105843	49.494	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.980%		
35) Dibromofluoromethane	5.385	113	85318	48.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	8.647	98	316858	46.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.720%		
62) 4-Bromofluorobenzene	11.079	95	124369	45.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31345	20.242	ug/l	99
3) Chloromethane	1.300	50	33610	16.629	ug/l	97
4) Vinyl Chloride	1.374	62	34678	17.812	ug/l	99
5) Bromomethane	1.605	94	22621	28.101	ug/l	99
6) Chloroethane	1.685	64	20838	18.755	ug/l	100
7) Trichlorofluoromethane	1.886	101	47824	19.357	ug/l	98
8) Diethyl Ether	2.136	74	19695	18.303	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	29250	17.852	ug/l	97
10) Methyl Iodide	2.453	142	34851	17.476	ug/l	91
11) Tert butyl alcohol	2.959	59	61935	104.130	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	28600	17.290	ug/l	89
13) Acrolein	2.233	56	34209	108.710	ug/l	98
14) Allyl chloride	2.666	41	58538	17.675	ug/l	93
15) Acrylonitrile	3.062	53	118467	94.262	ug/l	99
16) Acetone	2.380	43	111978	98.363	ug/l	94
17) Carbon Disulfide	2.508	76	78728	15.365	ug/l	99
18) Methyl Acetate	2.703	43	108563	20.077	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	107256	18.435	ug/l	98
20) Methylene Chloride	2.788	84	35896	17.492	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	31426	17.218	ug/l	93
22) Diisopropyl ether	3.757	45	111715	18.388	ug/l	98
23) Vinyl Acetate	3.721	43	395756	90.444	ug/l	99
24) 1,1-Dichloroethane	3.611	63	60353	17.764	ug/l	99
25) 2-Butanone	4.556	43	178231	96.545	ug/l	95
26) 2,2-Dichloropropane	4.477	77	53014	17.988	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	37320	17.542	ug/l	97
28) Bromochloromethane	4.897	49	32056	19.651	ug/l	100
29) Tetrahydrofuran	5.001	42	113476	96.809	ug/l	97
30) Chloroform	5.092	83	61081	18.411	ug/l	99
31) Cyclohexane	5.470	56	53802	17.621	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	53337	18.561	ug/l	99
36) 1,1-Dichloropropene	5.696	75	45501	17.964	ug/l	99
37) Ethyl Acetate	4.715	43	61489	18.633	ug/l	98
38) Carbon Tetrachloride	5.678	117	44332	18.938	ug/l	96
39) Methylcyclohexane	7.379	83	55532	16.808	ug/l	98
40) Benzene	6.037	78	134553	17.961	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	31185	18.221	ug/l	90
42) 1,2-Dichloroethane	6.086	62	47379	19.089	ug/l	96
43) Isopropyl Acetate	6.342	43	97062	18.405	ug/l	98
44) Trichloroethene	7.123	130	33208	18.211	ug/l	98
45) 1,2-Dichloropropane	7.434	63	37043	18.374	ug/l	98
46) Dibromomethane	7.580	93	25085	18.659	ug/l	98
47) Bromodichloromethane	7.824	83	48199	18.063	ug/l	96
48) Methyl methacrylate	7.696	41	47835	18.694	ug/l	95
49) 1,4-Dioxane	7.659	88	21334	430.966	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	328460	97.459	ug/l	100
52) Toluene	8.720	92	81630	17.559	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	55489	17.499	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	58322	17.806	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	35026	18.057	ug/l	98
56) Ethyl methacrylate	9.116	69	59131	18.017	ug/l	99
57) 1,3-Dichloropropane	9.311	76	59226	18.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	147119	96.227	ug/l	96
59) 2-Hexanone	9.427	43	263223	97.442	ug/l	98
60) Dibromochloromethane	9.519	129	36997	18.758	ug/l	98
61) 1,2-Dibromoethane	9.610	107	37931	18.635	ug/l	100
64) Tetrachloroethene	9.275	164	25747	18.305	ug/l	97
65) Chlorobenzene	10.079	112	89083	18.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32548	18.563	ug/l	98
67) Ethyl Benzene	10.195	91	163237	18.227	ug/l	100
68) m/p-Xylenes	10.299	106	122169	36.063	ug/l	98
69) o-Xylene	10.640	106	59790	17.837	ug/l	96
70) Styrene	10.652	104	101106	17.860	ug/l	99
71) Bromoform	10.799	173	26667	18.244	ug/l #	98
73) Isopropylbenzene	10.963	105	159834	17.755	ug/l	100
74) N-amyl acetate	10.841	43	81152	17.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	61296	17.442	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	60010m	20.817	ug/l	
77) Bromobenzene	11.195	156	35680	17.639	ug/l	96
78) n-propylbenzene	11.305	91	193281	17.443	ug/l	99
79) 2-Chlorotoluene	11.366	91	113850	17.313	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	134701	17.796	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	20928	16.103	ug/l #	83
82) 4-Chlorotoluene	11.451	91	131352	17.323	ug/l	98
83) tert-Butylbenzene	11.713	119	131619	17.656	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	135073	17.630	ug/l	100
85) sec-Butylbenzene	11.890	105	171189	17.556	ug/l	98
86) p-Isopropyltoluene	12.006	119	134820	17.223	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	69448	17.532	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	71223	17.568	ug/l	99
89) n-Butylbenzene	12.335	91	132662	16.798	ug/l	97
90) Hexachloroethane	12.536	117	27064	17.313	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	67445	17.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15778	18.325	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	43430	17.250	ug/l	95
94) Hexachlorobutadiene	13.725	225	14407	16.159	ug/l	99
95) Naphthalene	13.774	128	161974	17.274	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42352	17.746	ug/l	100

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

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