

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038841.D
 Acq On : 16 Nov 2023 16:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 16 23:02:48 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 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	166700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	307951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127734	47.553	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.100%		
35) Dibromofluoromethane	5.379	113	106301	47.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	8.647	98	400744	47.094	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.180%		
62) 4-Bromofluorobenzene	11.079	95	159202	46.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	97466	50.109	ug/l	99
3) Chloromethane	1.294	50	114998	45.297	ug/l	100
4) Vinyl Chloride	1.374	62	113171	46.277	ug/l	99
5) Bromomethane	1.599	94	51192	50.630	ug/l	99
6) Chloroethane	1.678	64	65633	47.029	ug/l	95
7) Trichlorofluoromethane	1.886	101	145218	46.796	ug/l	100
8) Diethyl Ether	2.130	74	64873	47.997	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	95103	46.212	ug/l	98
10) Methyl Iodide	2.447	142	119806	47.830	ug/l	90
11) Tert butyl alcohol	2.959	59	207116	277.230	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	94939	45.694	ug/l	86
13) Acrolein	2.233	56	88944	225.027	ug/l	97
14) Allyl chloride	2.660	41	197169	47.398	ug/l	90
15) Acrylonitrile	3.062	53	413297	261.812	ug/l	98
16) Acetone	2.373	43	352456	246.486	ug/l #	89
17) Carbon Disulfide	2.508	76	276390	42.945	ug/l	99
18) Methyl Acetate	2.703	43	354391	52.178	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	368083	50.369	ug/l	98
20) Methylene Chloride	2.788	84	116257	45.102	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	104269	45.482	ug/l	96
22) Diisopropyl ether	3.757	45	374820	49.116	ug/l	89
23) Vinyl Acetate	3.721	43	1390794	253.049	ug/l	98
24) 1,1-Dichloroethane	3.605	63	202173	47.374	ug/l	99
25) 2-Butanone	4.550	43	598100	257.933	ug/l	93
26) 2,2-Dichloropropane	4.471	77	163363	44.131	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	126471	47.327	ug/l	94
28) Bromochloromethane	4.891	49	101502	49.539	ug/l	99
29) Tetrahydrofuran	5.001	42	395076	268.336	ug/l	97
30) Chloroform	5.092	83	195156	46.832	ug/l	95
31) Cyclohexane	5.464	56	178642	46.581	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	167229	46.331	ug/l	99
36) 1,1-Dichloropropene	5.690	75	147017	46.121	ug/l	98
37) Ethyl Acetate	4.708	43	217719	52.424	ug/l	98
38) Carbon Tetrachloride	5.672	117	140093	47.552	ug/l	98
39) Methylcyclohexane	7.379	83	188796	45.406	ug/l	97
40) Benzene	6.037	78	447647	47.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	111676	51.847	ug/l	93
42) 1,2-Dichloroethane	6.080	62	154360	49.416	ug/l	96
43) Isopropyl Acetate	6.336	43	339958	51.221	ug/l	97
44) Trichloroethene	7.123	130	109009	47.501	ug/l	96
45) 1,2-Dichloropropane	7.427	63	125994	49.659	ug/l	98
46) Dibromomethane	7.580	93	83566	49.389	ug/l	98
47) Bromodichloromethane	7.818	83	162698	48.448	ug/l	97
48) Methyl methacrylate	7.690	41	157292	48.844	ug/l	91
49) 1,4-Dioxane	7.659	88	70407	1130.125	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	1120096	264.081	ug/l	97
52) Toluene	8.714	92	278551	47.611	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	194630	48.770	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	203968	49.480	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	120025	49.166	ug/l	93
56) Ethyl methacrylate	9.116	69	213573	51.707	ug/l	93
57) 1,3-Dichloropropane	9.305	76	202714	50.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	516026	268.187	ug/l	95
59) 2-Hexanone	9.427	43	902168	265.369	ug/l	96
60) Dibromochloromethane	9.518	129	123664	49.820	ug/l	100
61) 1,2-Dibromoethane	9.610	107	127972	49.957	ug/l	100
64) Tetrachloroethene	9.275	164	82317	45.995	ug/l	95
65) Chlorobenzene	10.079	112	290941	46.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	106813	47.876	ug/l	97
67) Ethyl Benzene	10.195	91	534351	46.893	ug/l	98
68) m/p-Xylenes	10.299	106	408921	94.866	ug/l	100
69) o-Xylene	10.640	106	201038	47.134	ug/l	100
70) Styrene	10.652	104	345127	47.912	ug/l	98
71) Bromoform	10.799	173	93146	50.081	ug/l #	99
73) Isopropylbenzene	10.963	105	513281	45.716	ug/l	99
74) N-amyl acetate	10.841	43	294926	49.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	212972	48.592	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	181592m	50.508	ug/l	
77) Bromobenzene	11.195	156	116059	46.003	ug/l	94
78) n-propylbenzene	11.305	91	639278	46.257	ug/l	99
79) 2-Chlorotoluene	11.366	91	373543	45.545	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	443255	46.953	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	78656	48.526	ug/l #	80
82) 4-Chlorotoluene	11.451	91	439688	46.494	ug/l	99
83) tert-Butylbenzene	11.713	119	427525	45.983	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	443533	46.418	ug/l	99
85) sec-Butylbenzene	11.890	105	559294	45.989	ug/l	99
86) p-Isopropyltoluene	12.006	119	454215	46.526	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	231750	46.910	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	231213	45.727	ug/l	99
89) n-Butylbenzene	12.329	91	457369	46.434	ug/l	97
90) Hexachloroethane	12.536	117	90670	46.507	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	223870	47.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54559	50.808	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	146058	46.516	ug/l	98
94) Hexachlorobutadiene	13.725	225	52233	46.974	ug/l	98
95) Naphthalene	13.774	128	563429	48.179	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140613	47.240	ug/l	99

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

