

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038746.D
 Acq On : 10 Nov 2023 23:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 02:02:09 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	306336	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	461368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	261523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185272	48.580	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.160%		
35) Dibromofluoromethane	5.379	113	170603	51.341	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.680%		
50) Toluene-d8	8.647	98	606522	51.008	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.020%		
62) 4-Bromofluorobenzene	11.079	95	242382	52.576	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	159589	50.165	ug/l	99
3) Chloromethane	1.294	50	123266	44.829	ug/l	98
4) Vinyl Chloride	1.374	62	139673	47.715	ug/l	98
5) Bromomethane	1.599	94	108450	48.000	ug/l	97
6) Chloroethane	1.684	64	88200	47.587	ug/l	97
7) Trichlorofluoromethane	1.886	101	263092	52.133	ug/l	99
8) Diethyl Ether	2.130	74	84800	48.950	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	151916	50.912	ug/l	89
10) Methyl Iodide	2.453	142	206245	55.966	ug/l	92
11) Tert butyl alcohol	2.953	59	202190	259.339	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	141372	49.450	ug/l	# 77
13) Acrolein	2.233	56	131712	222.899	ug/l	100
14) Allyl chloride	2.660	41	189723	46.332	ug/l	# 93
15) Acrylonitrile	3.056	53	409673	248.988	ug/l	100
16) Acetone	2.373	43	355283	221.199	ug/l	90
17) Carbon Disulfide	2.507	76	342924	45.143	ug/l	99
18) Methyl Acetate	2.696	43	346142	50.584	ug/l	# 86
19) Methyl tert-butyl Ether	3.111	73	455240	49.795	ug/l	95
20) Methylene Chloride	2.788	84	154588	47.744	ug/l	# 81
21) trans-1,2-Dichloroethene	3.087	96	153681	49.377	ug/l	82
22) Diisopropyl ether	3.757	45	374321	48.502	ug/l	# 83
23) Vinyl Acetate	3.715	43	1252782	228.701	ug/l	# 91
24) 1,1-Dichloroethane	3.605	63	244136	47.814	ug/l	97
25) 2-Butanone	4.550	43	551440	237.001	ug/l	# 85
26) 2,2-Dichloropropane	4.471	77	183910	41.253	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	178466	49.655	ug/l	83
28) Bromochloromethane	4.891	49	113808	49.598	ug/l	# 52
29) Tetrahydrofuran	4.995	42	352135	243.249	ug/l	# 80
30) Chloroform	5.086	83	288878	48.220	ug/l	98
31) Cyclohexane	5.464	56	199644	47.299	ug/l	# 84
32) 1,1,1-Trichloroethane	5.379	97	262595	49.807	ug/l	95
36) 1,1-Dichloropropene	5.690	75	200690	48.620	ug/l	93
37) Ethyl Acetate	4.708	43	206690	49.045	ug/l	# 93
38) Carbon Tetrachloride	5.672	117	235706	51.080	ug/l	99
39) Methylcyclohexane	7.379	83	251628	48.758	ug/l	89
40) Benzene	6.031	78	585555	49.252	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	106813	49.749	ug/l #	85
42) 1,2-Dichloroethane	6.080	62	216749	50.527	ug/l	96
43) Isopropyl Acetate	6.336	43	312052	48.163	ug/l #	90
44) Trichloroethene	7.123	130	187586	50.711	ug/l	92
45) 1,2-Dichloropropane	7.427	63	141834	49.350	ug/l	97
46) Dibromomethane	7.574	93	120981	50.335	ug/l #	86
47) Bromodichloromethane	7.818	83	223718	49.493	ug/l	97
48) Methyl methacrylate	7.689	41	156857	50.236	ug/l #	84
49) 1,4-Dioxane	7.653	88	74556	1048.878	ug/l #	82
51) 4-Methyl-2-Pentanone	8.567	43	1063052	251.830	ug/l	90
52) Toluene	8.714	92	398574	51.177	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	228046	49.554	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	242201	49.855	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	170211	51.508	ug/l	96
56) Ethyl methacrylate	9.116	69	245110	53.015	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	261186	50.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	587474	258.435	ug/l #	89
59) 2-Hexanone	9.427	43	850474	248.995	ug/l	89
60) Dibromochloromethane	9.518	129	194404	52.406	ug/l	100
61) 1,2-Dibromoethane	9.610	107	191336	51.519	ug/l	100
64) Tetrachloroethene	9.275	164	171727	51.429	ug/l	95
65) Chlorobenzene	10.079	112	461814	50.856	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	177476	51.989	ug/l	98
67) Ethyl Benzene	10.189	91	787802	51.287	ug/l	98
68) m/p-Xylenes	10.299	106	628870	103.154	ug/l	95
69) o-Xylene	10.640	106	307977	51.948	ug/l	93
70) Styrene	10.652	104	518774	53.020	ug/l	95
71) Bromoform	10.799	173	157124	52.147	ug/l #	100
73) Isopropylbenzene	10.963	105	811178	50.559	ug/l	97
74) N-amyl acetate	10.841	43	268383	48.143	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	271790	49.000	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	257877m	49.789	ug/l	
77) Bromobenzene	11.195	156	218472	49.615	ug/l	81
78) n-propylbenzene	11.305	91	941001	50.401	ug/l	96
79) 2-Chlorotoluene	11.360	91	557847	49.906	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	701117	50.774	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	75392	45.946	ug/l	84
82) 4-Chlorotoluene	11.451	91	659407	50.496	ug/l	93
83) tert-Butylbenzene	11.713	119	705652	50.433	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	708551	51.735	ug/l	96
85) sec-Butylbenzene	11.890	105	875845	50.166	ug/l	96
86) p-Isopropyltoluene	12.006	119	766330	51.525	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	418038	49.656	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	426095	49.241	ug/l	97
89) n-Butylbenzene	12.329	91	661560	49.985	ug/l	96
90) Hexachloroethane	12.536	117	129304	51.326	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	408200	49.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	69050	49.532	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	295887	50.316	ug/l	97
94) Hexachlorobutadiene	13.725	225	126972	50.038	ug/l	98
95) Naphthalene	13.774	128	906301	51.093	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	288395	49.756	ug/l	98

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

