

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034478.D
 Acq On : 15 Mar 2023 02:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 06:57:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	279337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	475266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	201582	49.604	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.200%		
35) Dibromofluoromethane	5.385	113	156065	49.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.480%		
50) Toluene-d8	8.647	98	592400	50.572	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.140%		
62) 4-Bromofluorobenzene	11.079	95	239104	50.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	123080	47.263	ug/l	99
3) Chloromethane	1.301	50	179301	45.331	ug/l	98
4) Vinyl Chloride	1.374	62	171034	48.235	ug/l	100
5) Bromomethane	1.599	94	91004	50.867	ug/l	96
6) Chloroethane	1.679	64	107401	52.606	ug/l	98
7) Trichlorofluoromethane	1.886	101	277324	52.051	ug/l	99
8) Diethyl Ether	2.130	74	101735	52.307	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	145985	47.015	ug/l	99
10) Methyl Iodide	2.447	142	209533	51.399	ug/l	97
11) Tert butyl alcohol	2.953	59	205069	242.326	ug/l	100
12) 1,1-Dichloroethene	2.319	96	142780	46.691	ug/l	99
13) Acrolein	2.233	56	202743	302.842	ug/l	99
14) Allyl chloride	2.660	41	285383	46.032	ug/l	99
15) Acrylonitrile	3.062	53	465049	254.394	ug/l	99
16) Acetone	2.374	43	398711	208.286	ug/l	99
17) Carbon Disulfide	2.508	76	364983	42.411	ug/l	99
18) Methyl Acetate	2.703	43	311169	49.749	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	539515	49.275	ug/l	99
20) Methylene Chloride	2.788	84	171959	46.286	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	157796	48.588	ug/l	96
22) Diisopropyl ether	3.757	45	594944	50.332	ug/l	93
23) Vinyl Acetate	3.715	43	2276312	253.035	ug/l	99
24) 1,1-Dichloroethane	3.605	63	310329	48.840	ug/l	99
25) 2-Butanone	4.550	43	671718	245.240	ug/l	99
26) 2,2-Dichloropropane	4.471	77	226619	41.031	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	191981	49.107	ug/l	97
28) Bromochloromethane	4.897	49	149113	50.471	ug/l	99
29) Tetrahydrofuran	4.995	42	437003	258.561	ug/l	99
30) Chloroform	5.093	83	317855	51.033	ug/l	98
31) Cyclohexane	5.464	56	274775	48.212	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	274901	49.857	ug/l	100
36) 1,1-Dichloropropene	5.690	75	231257	47.982	ug/l	99
37) Ethyl Acetate	4.708	43	261861	49.733	ug/l	100
38) Carbon Tetrachloride	5.672	117	232058	48.399	ug/l	99
39) Methylcyclohexane	7.379	83	273340	47.391	ug/l	98
40) Benzene	6.038	78	687050	48.729	ug/l	99

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41) Methacrylonitrile	4.910	41	145585	50.452	ug/l	99
42) 1,2-Dichloroethane	6.086	62	263753	50.900	ug/l	99
43) Isopropyl Acetate	6.336	43	445262	49.918	ug/l	99
44) Trichloroethene	7.123	130	174893	47.741	ug/l	100
45) 1,2-Dichloropropane	7.428	63	180243	48.960	ug/l	98
46) Dibromomethane	7.580	93	124092	49.581	ug/l	99
47) Bromodichloromethane	7.818	83	245971	50.780	ug/l	97
48) Methyl methacrylate	7.690	41	219010	51.052	ug/l	99
49) 1,4-Dioxane	7.653	88	100005	1109.863	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1367729	264.322	ug/l	99
52) Toluene	8.714	92	440312	50.442	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	273133	50.051	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	286432	48.515	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	180737	52.172	ug/l	98
56) Ethyl methacrylate	9.116	69	291293	51.213	ug/l	98
57) 1,3-Dichloropropane	9.305	76	312834	50.810	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	673609	229.799	ug/l	100
59) 2-Hexanone	9.427	43	1038550	259.640	ug/l	100
60) Dibromochloromethane	9.519	129	192214	52.904	ug/l	98
61) 1,2-Dibromoethane	9.610	107	189672	50.738	ug/l	99
64) Tetrachloroethene	9.275	164	143261	48.797	ug/l	97
65) Chlorobenzene	10.079	112	466072	48.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	173673	49.727	ug/l	98
67) Ethyl Benzene	10.195	91	863846	50.320	ug/l	97
68) m/p-Xylenes	10.299	106	652783	98.987	ug/l	99
69) o-Xylene	10.640	106	324030	48.962	ug/l	98
70) Styrene	10.653	104	539944	50.569	ug/l	100
71) Bromoform	10.799	173	134621	50.074	ug/l	99
73) Isopropylbenzene	10.963	105	854675	49.111	ug/l	100
74) N-amyl acetate	10.842	43	418951	50.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	293643	50.564	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	242444m	46.893	ug/l	
77) Bromobenzene	11.195	156	203066	48.634	ug/l	100
78) n-propylbenzene	11.305	91	1003058	49.907	ug/l	100
79) 2-Chlorotoluene	11.366	91	611817	49.289	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	725393	49.694	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	86905	45.473	ug/l	97
82) 4-Chlorotoluene	11.451	91	711278	49.748	ug/l	100
83) tert-Butylbenzene	11.713	119	720721	48.970	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	732909	49.129	ug/l	98
85) sec-Butylbenzene	11.890	105	900299	50.037	ug/l	99
86) p-Isopropyltoluene	12.006	119	748534	49.500	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	393108	48.051	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	394288	47.664	ug/l	99
89) n-Butylbenzene	12.335	91	666030	49.544	ug/l	99
90) Hexachloroethane	12.536	117	138387	49.457	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	391690	49.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65107	49.345	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	237080	47.952	ug/l	98
94) Hexachlorobutadiene	13.725	225	96477	48.437	ug/l	97
95) Naphthalene	13.774	128	830004	50.063	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	237518	49.146	ug/l	98

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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