

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034503.D
 Acq On : 15 Mar 2023 13:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 16 05:17:11 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 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	278840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	459656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	195192	48.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.379	113	151506	49.922	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	8.647	98	575286	50.778	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.560%		
62) 4-Bromofluorobenzene	11.079	95	236154	51.605	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	121222	46.633	ug/l	100
3) Chloromethane	1.307	50	168995	42.726	ug/l	99
4) Vinyl Chloride	1.374	62	163660	46.237	ug/l	100
5) Bromomethane	1.599	94	89941	50.362	ug/l	95
6) Chloroethane	1.679	64	103667	50.868	ug/l	98
7) Trichlorofluoromethane	1.886	101	271893	51.122	ug/l	97
8) Diethyl Ether	2.130	74	97455	50.196	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	145883	47.066	ug/l	99
10) Methyl Iodide	2.447	142	198072	48.674	ug/l	98
11) Tert butyl alcohol	2.953	59	167822	198.665	ug/l	100
12) 1,1-Dichloroethene	2.319	96	138079	45.234	ug/l	99
13) Acrolein	2.233	56	191587	286.688	ug/l	99
14) Allyl chloride	2.660	41	264746	42.779	ug/l	99
15) Acrylonitrile	3.056	53	421269	230.856	ug/l	99
16) Acetone	2.374	43	450183	235.594	ug/l	99
17) Carbon Disulfide	2.508	76	339901	39.567	ug/l	100
18) Methyl Acetate	2.697	43	281652	45.110	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	500313	45.776	ug/l	100
20) Methylene Chloride	2.782	84	163872	44.188	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	150280	46.357	ug/l	99
22) Diisopropyl ether	3.757	45	554803	47.020	ug/l	93
23) Vinyl Acetate	3.715	43	2120107	236.092	ug/l	99
24) 1,1-Dichloroethane	3.605	63	290653	45.824	ug/l	99
25) 2-Butanone	4.550	43	641318	234.559	ug/l	98
26) 2,2-Dichloropropane	4.471	77	249393	45.234	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	178162	45.653	ug/l	98
28) Bromochloromethane	4.891	49	140743	47.723	ug/l	100
29) Tetrahydrofuran	4.995	42	389840	231.067	ug/l	99
30) Chloroform	5.086	83	300622	48.352	ug/l	98
31) Cyclohexane	5.471	56	261595	45.982	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	259951	47.229	ug/l	99
36) 1,1-Dichloropropene	5.690	75	221319	47.480	ug/l	99
37) Ethyl Acetate	4.708	43	236519	46.446	ug/l	99
38) Carbon Tetrachloride	5.678	117	220463	47.542	ug/l	100
39) Methylcyclohexane	7.379	83	271083	48.595	ug/l	95
40) Benzene	6.038	78	647316	47.470	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	132688	47.545	ug/l	99
42) 1,2-Dichloroethane	6.080	62	248451	49.575	ug/l	99
43) Isopropyl Acetate	6.336	43	408161	47.313	ug/l	100
44) Trichloroethene	7.123	130	164326	46.380	ug/l	99
45) 1,2-Dichloropropane	7.428	63	171335	48.121	ug/l	100
46) Dibromomethane	7.580	93	117788	48.661	ug/l	98
47) Bromodichloromethane	7.818	83	231579	49.432	ug/l	97
48) Methyl methacrylate	7.690	41	199342	48.045	ug/l	97
49) 1,4-Dioxane	7.653	88	81597	936.323	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1239780	247.732	ug/l	99
52) Toluene	8.714	92	417266	49.426	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	260328	49.324	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	275350	48.221	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	168913	50.415	ug/l	97
56) Ethyl methacrylate	9.116	69	272500	49.536	ug/l	99
57) 1,3-Dichloropropane	9.305	76	293032	49.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	671054	236.702	ug/l	100
59) 2-Hexanone	9.427	43	972774	251.455	ug/l	100
60) Dibromochloromethane	9.519	129	176386	50.196	ug/l	99
61) 1,2-Dibromoethane	9.610	107	178580	49.393	ug/l	100
64) Tetrachloroethene	9.269	164	137586	48.441	ug/l	98
65) Chlorobenzene	10.079	112	446381	48.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166689	49.334	ug/l	99
67) Ethyl Benzene	10.195	91	830559	50.009	ug/l	97
68) m/p-Xylenes	10.299	106	624822	97.937	ug/l	99
69) o-Xylene	10.640	106	308917	48.250	ug/l	98
70) Styrene	10.653	104	519478	50.290	ug/l	100
71) Bromoform	10.799	173	125585	48.286	ug/l #	100
73) Isopropylbenzene	10.963	105	823588	47.395	ug/l	99
74) N-amyl acetate	10.842	43	395630	47.534	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	272312	46.961	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	226698m	43.912	ug/l	
77) Bromobenzene	11.195	156	193080	46.312	ug/l	99
78) n-propylbenzene	11.305	91	982549	48.960	ug/l	99
79) 2-Chlorotoluene	11.366	91	595906	48.079	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	707469	48.539	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	82101	43.023	ug/l	94
82) 4-Chlorotoluene	11.451	91	692151	48.482	ug/l	100
83) tert-Butylbenzene	11.713	119	694415	47.253	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	714511	47.967	ug/l	99
85) sec-Butylbenzene	11.890	105	883574	49.181	ug/l	100
86) p-Isopropyltoluene	12.006	119	743624	49.249	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	383453	46.941	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	384728	46.578	ug/l	100
89) n-Butylbenzene	12.335	91	676202	50.376	ug/l	99
90) Hexachloroethane	12.536	117	130622	46.752	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	373081	47.259	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59296	45.008	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	232374	47.071	ug/l	99
94) Hexachlorobutadiene	13.725	225	96073	48.306	ug/l	99
95) Naphthalene	13.774	128	769578	46.487	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	231110	47.892	ug/l	98

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

