

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034815.D
 Acq On : 28 Mar 2023 23:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

Quant Time: Mar 29 04:13:32 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	252722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206189	56.082	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.160%			
35) Dibromofluoromethane	5.385	113	153291	53.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	8.647	98	549094	51.619	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.240%			
62) 4-Bromofluorobenzene	11.079	95	222906	51.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	127370	54.062	ug/l	99
3) Chloromethane	1.294	50	160222	44.757	ug/l	100
4) Vinyl Chloride	1.373	62	161697	50.404	ug/l	99
5) Bromomethane	1.617	94	101949	62.986	ug/l	99
6) Chloroethane	1.690	64	105419	57.073	ug/l	99
7) Trichlorofluoromethane	1.886	101	264629	54.899	ug/l	98
8) Diethyl Ether	2.129	74	95114	54.053	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	139744	49.745	ug/l	99
10) Methyl Iodide	2.453	142	176049	47.733	ug/l	97
11) Tert butyl alcohol	2.983	59	178967m	233.753	ug/l	
12) 1,1-Dichloroethene	2.318	96	136427	49.312	ug/l	93
13) Acrolein	2.239	56	134753	222.482	ug/l	100
14) Allyl chloride	2.666	41	267679	47.723	ug/l	95
15) Acrylonitrile	3.062	53	423920	256.317	ug/l	99
16) Acetone	2.385	43	365802	211.219	ug/l	98
17) Carbon Disulfide	2.513	76	319879	41.085	ug/l	100
18) Methyl Acetate	2.702	43	316179	55.873	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	528645	53.367	ug/l	97
20) Methylene Chloride	2.788	84	161519	48.054	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	151971	51.723	ug/l	96
22) Diisopropyl ether	3.757	45	566500	52.973	ug/l	96
23) Vinyl Acetate	3.721	43	2081769	255.780	ug/l	98
24) 1,1-Dichloroethane	3.611	63	302631	52.644	ug/l	99
25) 2-Butanone	4.556	43	595321	240.238	ug/l	96
26) 2,2-Dichloropropane	4.477	77	223224	44.672	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	181733	51.381	ug/l	100
28) Bromochloromethane	4.897	49	139810	52.306	ug/l	98
29) Tetrahydrofuran	5.001	42	388639	254.162	ug/l	100
30) Chloroform	5.092	83	306561	54.403	ug/l	96
31) Cyclohexane	5.470	56	256357	49.718	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	269422	54.009	ug/l	99
36) 1,1-Dichloropropene	5.696	75	222434	50.822	ug/l	99
37) Ethyl Acetate	4.714	43	244067	51.045	ug/l	99
38) Carbon Tetrachloride	5.678	117	222329	51.063	ug/l	98
39) Methylcyclohexane	7.378	83	234569	44.785	ug/l	96
40) Benzene	6.037	78	653826	51.066	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	138854	52.990	ug/l	98
42) 1,2-Dichloroethane	6.086	62	265252	56.370	ug/l	98
43) Isopropyl Acetate	6.336	43	421630	52.053	ug/l	100
44) Trichloroethene	7.122	130	166456	50.037	ug/l	99
45) 1,2-Dichloropropane	7.427	63	172962	51.737	ug/l	98
46) Dibromomethane	7.580	93	118970	52.345	ug/l	98
47) Bromodichloromethane	7.824	83	225762	51.324	ug/l	100
48) Methyl methacrylate	7.689	41	204326	52.449	ug/l	97
49) 1,4-Dioxane	7.695	88	65357	798.745	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1225879	260.885	ug/l	99
52) Toluene	8.720	92	416635	52.560	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	248867	50.220	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	267105	49.820	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	166807	53.024	ug/l	98
56) Ethyl methacrylate	9.116	69	272441	52.746	ug/l	98
57) 1,3-Dichloropropane	9.305	76	293756	52.540	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	596036	223.914	ug/l	99
59) 2-Hexanone	9.427	43	912579	251.237	ug/l	99
60) Dibromochloromethane	9.518	129	165328	50.109	ug/l	99
61) 1,2-Dibromoethane	9.610	107	174197	51.314	ug/l	99
64) Tetrachloroethene	9.274	164	142763	54.591	ug/l	97
65) Chlorobenzene	10.079	112	435565	50.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	161460	51.899	ug/l	98
67) Ethyl Benzene	10.195	91	801277	52.399	ug/l	98
68) m/p-Xylenes	10.299	106	601938	102.471	ug/l	97
69) o-Xylene	10.640	106	299079	50.734	ug/l	97
70) Styrene	10.652	104	494747	52.018	ug/l	99
71) Bromoform	10.799	173	108982	45.509	ug/l #	100
73) Isopropylbenzene	10.963	105	771823	50.881	ug/l	99
74) N-amyl acetate	10.841	43	370165	50.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	253720	50.123	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	213031m	47.271	ug/l	
77) Bromobenzene	11.195	156	182687	50.197	ug/l	98
78) n-propylbenzene	11.305	91	886416	50.598	ug/l	99
79) 2-Chlorotoluene	11.366	91	555685	51.359	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	640893	50.371	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	68146	40.908	ug/l	88
82) 4-Chlorotoluene	11.451	91	646327	51.862	ug/l	100
83) tert-Butylbenzene	11.713	119	625707	48.775	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	656754	50.507	ug/l	99
85) sec-Butylbenzene	11.890	105	740551	47.219	ug/l	99
86) p-Isopropyltoluene	12.006	119	629232	47.738	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	346796	48.633	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	354377	49.148	ug/l	100
89) n-Butylbenzene	12.329	91	540793	46.152	ug/l	99
90) Hexachloroethane	12.536	117	101185	41.487	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	345032	50.068	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57312	49.834	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	200157	46.446	ug/l	99
94) Hexachlorobutadiene	13.725	225	77551	44.669	ug/l	99
95) Naphthalene	13.774	128	724345	50.124	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	197935	46.987	ug/l	100

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

