

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039586.D
 Acq On : 02 Jan 2024 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 03 04:18:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/03/2024
 Supervised By : Mahesh Dadoda 01/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86785	44.160	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.320%		
35) Dibromofluoromethane	5.385	113	63865	48.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.440%		
50) Toluene-d8	8.647	98	234328	47.654	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.300%		
62) 4-Bromofluorobenzene	11.079	95	90167	44.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	67802	44.979	ug/l	98
3) Chloromethane	1.294	50	79703	47.693	ug/l	99
4) Vinyl Chloride	1.373	62	77840	50.083	ug/l	98
5) Bromomethane	1.599	94	35073	39.224	ug/l	99
6) Chloroethane	1.666	64	31348	33.470	ug/l	99
7) Trichlorofluoromethane	1.873	101	108643	47.737	ug/l	98
8) Diethyl Ether	2.136	74	42505	53.963	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	67199	48.386	ug/l	96
10) Methyl Iodide	2.446	142	71046	49.492	ug/l	92
11) Tert butyl alcohol	3.007	59	114838	232.701	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	64771	46.952	ug/l	93
13) Acrolein	2.239	56	109202	277.377	ug/l	100
14) Allyl chloride	2.660	41	130847	46.821	ug/l	96
15) Acrylonitrile	3.068	53	252102	255.216	ug/l	100
16) Acetone	2.386	43	228316	194.967	ug/l	91
17) Carbon Disulfide	2.507	76	155907	38.619	ug/l	99
18) Methyl Acetate	2.703	43	230428	54.210	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	245562	49.219	ug/l	98
20) Methylene Chloride	2.788	84	78577	47.964	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	69131	46.053	ug/l	97
22) Diisopropyl ether	3.757	45	260826	51.272	ug/l	93
23) Vinyl Acetate	3.721	43	927999	245.037	ug/l	99
24) 1,1-Dichloroethane	3.605	63	139672	48.571	ug/l	100
25) 2-Butanone	4.556	43	361581	213.217	ug/l	99
26) 2,2-Dichloropropane	4.471	77	106207	42.305	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	80851	48.798	ug/l	100
28) Bromochloromethane	4.897	49	71798	51.171	ug/l	92
29) Tetrahydrofuran	5.001	42	239935	256.199	ug/l	99
30) Chloroform	5.092	83	138210	48.095	ug/l	97
31) Cyclohexane	5.464	56	121042	47.686	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	116452	46.680	ug/l	99
36) 1,1-Dichloropropene	5.690	75	97552	46.673	ug/l	99
37) Ethyl Acetate	4.714	43	131381	50.879	ug/l	99
38) Carbon Tetrachloride	5.672	117	91177	45.711	ug/l	97
39) Methylcyclohexane	7.379	83	120925	48.165	ug/l	99
40) Benzene	6.037	78	298863	50.548	ug/l	100

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41) Methacrylonitrile	4.922	41	70823	51.405	ug/l	96
42) 1,2-Dichloroethane	6.086	62	114980	48.043	ug/l	100
43) Isopropyl Acetate	6.342	43	209903	49.988	ug/l	99
44) Trichloroethene	7.122	130	70502	47.254	ug/l	91
45) 1,2-Dichloropropane	7.427	63	81932	51.634	ug/l	99
46) Dibromomethane	7.580	93	53814	48.245	ug/l	96
47) Bromodichloromethane	7.817	83	101775	47.720	ug/l	99
48) Methyl methacrylate	7.696	41	125564	51.149	ug/l	96
49) 1,4-Dioxane	7.665	88	40742	1231.235	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	714194	266.945	ug/l	99
52) Toluene	8.714	92	176778	49.538	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	109508	46.638	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	120718	47.782	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	75567	50.723	ug/l	92
56) Ethyl methacrylate	9.116	69	97887	53.823	ug/l	98
57) 1,3-Dichloropropane	9.305	76	129643	50.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	303271	283.985	ug/l	94
59) 2-Hexanone	9.433	43	566398	245.300	ug/l	98
60) Dibromochloromethane	9.518	129	71130	47.210	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79480	49.975	ug/l	100
64) Tetrachloroethene	9.268	164	54596	48.401	ug/l	93
65) Chlorobenzene	10.079	112	185837	49.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66790	50.185	ug/l	98
67) Ethyl Benzene	10.189	91	350460	49.970	ug/l	96
68) m/p-Xylenes	10.299	106	252469	100.400	ug/l	95
69) o-Xylene	10.640	106	123335	50.728	ug/l	93
70) Styrene	10.652	104	183772	51.703	ug/l	96
71) Bromoform	10.799	173	47676	48.195	ug/l #	98
73) Isopropylbenzene	10.963	105	337021	53.529	ug/l	100
74) N-amyl acetate	10.841	43	181036	56.831	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	132462	56.555	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109848m	52.030	ug/l	
77) Bromobenzene	11.195	156	73718	52.948	ug/l	92
78) n-propylbenzene	11.305	91	400780	51.665	ug/l	97
79) 2-Chlorotoluene	11.366	91	243323	51.857	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	287134	53.534	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	35307	47.177	ug/l	99
82) 4-Chlorotoluene	11.451	91	280803	50.951	ug/l	97
83) tert-Butylbenzene	11.713	119	275591	53.989	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	293688	53.394	ug/l	99
85) sec-Butylbenzene	11.890	105	340279	52.387	ug/l	98
86) p-Isopropyltoluene	12.006	119	285872	52.442	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	136820	50.021	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	140387	49.294	ug/l	99
89) n-Butylbenzene	12.329	91	267443	49.908	ug/l	96
90) Hexachloroethane	12.536	117	49069	49.831	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	137433	52.513	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	31795	51.539	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	81708	47.679	ug/l	98
94) Hexachlorobutadiene	13.725	225	33511	51.889	ug/l	98
95) Naphthalene	13.774	128	324529	54.377	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83719	50.605	ug/l	98

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

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