

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035005.D
 Acq On : 11 Apr 2023 13:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 12 05:47:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/12/2023
 Supervised By : Semsettin Yesilyurt 04/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	303854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	489975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	219636	47.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.520%		
35) Dibromofluoromethane	5.385	113	166135	51.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.520%		
50) Toluene-d8	8.647	98	611077	51.085	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.180%		
62) 4-Bromofluorobenzene	11.079	95	243354	52.572	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	153059	50.504	ug/l	99
3) Chloromethane	1.294	50	170938	45.049	ug/l	99
4) Vinyl Chloride	1.374	62	171415	45.625	ug/l	99
5) Bromomethane	1.618	94	108855	44.587	ug/l	98
6) Chloroethane	1.691	64	103211	42.223	ug/l	100
7) Trichlorofluoromethane	1.886	101	245813	40.698	ug/l	99
8) Diethyl Ether	2.130	74	99814	46.875	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	156324	49.518	ug/l	99
10) Methyl Iodide	2.453	142	170257	43.308	ug/l	94
11) Tert butyl alcohol	3.026	59	163781	200.876	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	145353	46.597	ug/l	95
13) Acrolein	2.239	56	263380	313.806	ug/l	99
14) Allyl chloride	2.666	41	286468	46.875	ug/l	98
15) Acrylonitrile	3.062	53	438249	238.793	ug/l	99
16) Acetone	2.392	43	465772	246.731	ug/l	98
17) Carbon Disulfide	2.514	76	343528	43.972	ug/l	99
18) Methyl Acetate	2.703	43	321062	47.867	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	549130	47.547	ug/l	99
20) Methylene Chloride	2.788	84	174777	46.918	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	159538	46.894	ug/l	95
22) Diisopropyl ether	3.757	45	584411	47.394	ug/l	90
23) Vinyl Acetate	3.715	43	2132555	242.493	ug/l	98
24) 1,1-Dichloroethane	3.605	63	313571	47.263	ug/l	98
25) 2-Butanone	4.562	43	644246	234.612	ug/l	99
26) 2,2-Dichloropropane	4.477	77	258671	47.410	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	190022	47.138	ug/l	99
28) Bromochloromethane	4.891	49	152617	47.025	ug/l	98
29) Tetrahydrofuran	5.007	42	393203	228.572	ug/l	99
30) Chloroform	5.086	83	321075	47.646	ug/l	99
31) Cyclohexane	5.464	56	274176	48.454	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	282619	49.146	ug/l	99
36) 1,1-Dichloropropene	5.690	75	238972	49.772	ug/l	99
37) Ethyl Acetate	4.708	43	243453	48.493	ug/l	100
38) Carbon Tetrachloride	5.672	117	239854	52.986	ug/l	97
39) Methylcyclohexane	7.379	83	261541	51.298	ug/l	96
40) Benzene	6.037	78	675153	48.986	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	140415	51.429	ug/l	98
42) 1,2-Dichloroethane	6.080	62	265798	48.507	ug/l	100
43) Isopropyl Acetate	6.336	43	413258	49.202	ug/l	100
44) Trichloroethene	7.123	130	178779	50.814	ug/l	99
45) 1,2-Dichloropropane	7.427	63	180144	50.158	ug/l	98
46) Dibromomethane	7.580	93	121357	49.109	ug/l	99
47) Bromodichloromethane	7.818	83	240522	52.693	ug/l	99
48) Methyl methacrylate	7.690	41	208538	50.557	ug/l	97
49) 1,4-Dioxane	7.720	88	75288	885.688	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	1233152	248.073	ug/l	100
52) Toluene	8.714	92	435722	48.486	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	262445	53.446	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	285977	53.217	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	174776	51.386	ug/l	99
56) Ethyl methacrylate	9.116	69	278443	52.251	ug/l	98
57) 1,3-Dichloropropane	9.305	76	300205	49.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	810938	298.866	ug/l	98
59) 2-Hexanone	9.427	43	949469	252.532	ug/l	99
60) Dibromochloromethane	9.519	129	179829	55.503	ug/l	98
61) 1,2-Dibromoethane	9.610	107	181000	51.177	ug/l	100
64) Tetrachloroethene	9.269	164	152448	48.308	ug/l	96
65) Chlorobenzene	10.079	112	460079	50.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	170068	53.907	ug/l	98
67) Ethyl Benzene	10.195	91	840667	50.580	ug/l	98
68) m/p-Xylenes	10.299	106	649805	102.348	ug/l	99
69) o-Xylene	10.640	106	316746	50.927	ug/l	99
70) Styrene	10.653	104	532751	53.658	ug/l	98
71) Bromoform	10.799	173	120833	56.314	ug/l	100
73) Isopropylbenzene	10.963	105	826379	51.165	ug/l	100
74) N-amyl acetate	10.842	43	364723	50.224	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	258556	48.843	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	216927m	48.826	ug/l	
77) Bromobenzene	11.195	156	195215	48.779	ug/l	98
78) n-propylbenzene	11.305	91	951094	50.975	ug/l	100
79) 2-Chlorotoluene	11.366	91	589732	50.061	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	696462	51.573	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	73975	49.900	ug/l	94
82) 4-Chlorotoluene	11.451	91	686131	50.156	ug/l	99
83) tert-Butylbenzene	11.713	119	670580	52.880	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	701206	51.060	ug/l	99
85) sec-Butylbenzene	11.890	105	813715	52.745	ug/l	99
86) p-Isopropyltoluene	12.006	119	698492	54.298	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	373399	51.233	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	375355	49.310	ug/l	99
89) n-Butylbenzene	12.329	91	606837	53.992	ug/l	99
90) Hexachloroethane	12.536	117	111691	56.039	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	367889	50.400	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54943	49.725	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	227423	55.087	ug/l	100
94) Hexachlorobutadiene	13.725	225	94314	51.941	ug/l	98
95) Naphthalene	13.774	128	767993	52.353	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	222148	53.359	ug/l	99

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

