

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
 Data File : VX033935.D
 Acq On : 27 Jan 2023 17:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 28 03:06:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	170705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	214149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78166	43.489	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.980%		
35) Dibromofluoromethane	5.379	113	73171	49.322	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	8.647	98	257240	47.590	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.180%		
62) 4-Bromofluorobenzene	11.079	95	98332	48.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60763	45.043	ug/l	96
3) Chloromethane	1.294	50	72115	48.397	ug/l	97
4) Vinyl Chloride	1.374	62	74788	51.717	ug/l	97
5) Bromomethane	1.611	94	36009	43.339	ug/l	98
6) Chloroethane	1.685	64	45357	50.734	ug/l	99
7) Trichlorofluoromethane	1.886	101	112652	48.037	ug/l	98
8) Diethyl Ether	2.130	74	43843	57.097	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	74370	54.956	ug/l	94
10) Methyl Iodide	2.453	142	101017	53.276	ug/l	93
11) Tert butyl alcohol	2.965	59	66868	214.158	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	70904	51.047	ug/l	92
13) Acrolein	2.233	56	81287	282.160	ug/l	100
14) Allyl chloride	2.660	41	130268	49.725	ug/l	89
15) Acrylonitrile	3.056	53	211373	257.226	ug/l	99
16) Acetone	2.374	43	190969	294.571	ug/l	94
17) Carbon Disulfide	2.514	76	152849	43.720	ug/l	97
18) Methyl Acetate	2.697	43	129253	51.528	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	234358	48.580	ug/l	99
20) Methylene Chloride	2.788	84	81579	52.316	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	76372	47.033	ug/l	98
22) Diisopropyl ether	3.751	45	249023	47.244	ug/l	95
23) Vinyl Acetate	3.715	43	931212	234.682	ug/l	98
24) 1,1-Dichloroethane	3.605	63	134515	46.645	ug/l	100
25) 2-Butanone	4.544	43	269366	229.370	ug/l	96
26) 2,2-Dichloropropane	4.471	77	94852	45.918	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	88910	47.627	ug/l	97
28) Bromochloromethane	4.885	49	63993	48.715	ug/l	95
29) Tetrahydrofuran	4.995	42	170976	230.997	ug/l	97
30) Chloroform	5.086	83	140020	47.406	ug/l	98
31) Cyclohexane	5.464	56	115047	43.499	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	117387	46.549	ug/l	99
36) 1,1-Dichloropropene	5.690	75	102342	47.267	ug/l	99
37) Ethyl Acetate	4.702	43	103722	50.218	ug/l	99
38) Carbon Tetrachloride	5.672	117	107300	47.848	ug/l	98
39) Methylcyclohexane	7.379	83	123329	46.125	ug/l	94
40) Benzene	6.031	78	303377	48.071	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	62073	52.024	ug/l	98
42) 1,2-Dichloroethane	6.080	62	104135	46.561	ug/l	98
43) Isopropyl Acetate	6.330	43	165116	48.306	ug/l	99
44) Trichloroethene	7.117	130	91145	51.647	ug/l	96
45) 1,2-Dichloropropane	7.421	63	79107	50.038	ug/l	99
46) Dibromomethane	7.574	93	55164	49.956	ug/l	97
47) Bromodichloromethane	7.818	83	107638	50.579	ug/l	97
48) Methyl methacrylate	7.684	41	84097	48.841	ug/l	96
49) 1,4-Dioxane	7.677	88	32008	840.399	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	527620	251.340	ug/l	98
52) Toluene	8.714	92	198669	48.747	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	109405	51.406	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	123455	51.770	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	82143	50.918	ug/l	98
56) Ethyl methacrylate	9.110	69	118766	52.312	ug/l	98
57) 1,3-Dichloropropane	9.305	76	133708	51.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	277498	248.182	ug/l	99
59) 2-Hexanone	9.427	43	385886	264.107	ug/l	99
60) Dibromochloromethane	9.519	129	93192	55.720	ug/l	99
61) 1,2-Dibromoethane	9.604	107	86707	53.855	ug/l	98
64) Tetrachloroethene	9.269	164	81066	53.885	ug/l	98
65) Chlorobenzene	10.079	112	225206	50.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	85713	52.535	ug/l	100
67) Ethyl Benzene	10.189	91	379992	49.922	ug/l	99
68) m/p-Xylenes	10.299	106	302953	101.756	ug/l	98
69) o-Xylene	10.640	106	149829	50.746	ug/l	100
70) Styrene	10.653	104	252464	52.577	ug/l	100
71) Bromoform	10.799	173	73031	53.418	ug/l	99
73) Isopropylbenzene	10.963	105	393670	51.603	ug/l	99
74) N-amyl acetate	10.842	43	142036	46.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	117562	52.814	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96190m	45.086	ug/l	
77) Bromobenzene	11.195	156	107679	52.334	ug/l	98
78) n-propylbenzene	11.305	91	445180	46.984	ug/l	100
79) 2-Chlorotoluene	11.360	91	263442	51.560	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	326729	46.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33661	49.035	ug/l	97
82) 4-Chlorotoluene	11.451	91	300273	51.334	ug/l	99
83) tert-Butylbenzene	11.713	119	341522	49.228	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	327804	49.597	ug/l	99
85) sec-Butylbenzene	11.890	105	416176	50.155	ug/l	100
86) p-Isopropyltoluene	12.006	119	363598	51.181	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	197791	50.412	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	197797	49.489	ug/l	100
89) n-Butylbenzene	12.329	91	294341	50.644	ug/l	99
90) Hexachloroethane	12.536	117	58598	50.144	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	190719	50.374	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23211	48.986	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	140383	55.046	ug/l	99
94) Hexachlorobutadiene	13.725	225	63728	51.013	ug/l	98
95) Naphthalene	13.774	128	395894	53.958	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138858	54.415	ug/l	99

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

