

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034659.D
 Acq On : 21 Mar 2023 19:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 02:07:36 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 :Semsettin Yesilyurt 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	254037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	456006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	472547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	240344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	206117	55.772	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.540%			
35) Dibromofluoromethane	5.379	113	154474	51.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	8.647	98	575173	51.175	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.340%			
62) 4-Bromofluorobenzene	11.079	95	253177	55.768	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108383	45.765	ug/l	97
3) Chloromethane	1.301	50	180801	50.409	ug/l	100
4) Vinyl Chloride	1.374	62	154618	47.948	ug/l	98
5) Bromomethane	1.599	94	81878	50.324	ug/l	95
6) Chloroethane	1.672	64	95043	51.189	ug/l	98
7) Trichlorofluoromethane	1.880	101	225811	46.603	ug/l	100
8) Diethyl Ether	2.130	74	104324	58.980	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	117783	41.711	ug/l	99
10) Methyl Iodide	2.447	142	162128	43.731	ug/l	98
11) Tert butyl alcohol	2.959	59	194868	253.204	ug/l	100
12) 1,1-Dichloroethene	2.313	96	126281	45.408	ug/l	96
13) Acrolein	2.233	56	106158	174.363	ug/l	99
14) Allyl chloride	2.660	41	275284	48.825	ug/l	98
15) Acrylonitrile	3.056	53	474092	285.169	ug/l	99
16) Acetone	2.374	43	403310	231.671	ug/l	99
17) Carbon Disulfide	2.508	76	313687	40.081	ug/l	100
18) Methyl Acetate	2.697	43	349463	61.435	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	565944	56.837	ug/l	97
20) Methylene Chloride	2.782	84	179199	53.038	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	148810	50.385	ug/l	99
22) Diisopropyl ether	3.751	45	604155	56.202	ug/l	98
23) Vinyl Acetate	3.715	43	2298742	280.977	ug/l	99
24) 1,1-Dichloroethane	3.605	63	302544	52.356	ug/l	99
25) 2-Butanone	4.544	43	670069	269.002	ug/l	97
26) 2,2-Dichloropropane	4.465	77	208498	41.509	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	186821	52.546	ug/l	98
28) Bromochloromethane	4.891	49	142618	53.080	ug/l	99
29) Tetrahydrofuran	4.995	42	438170	285.071	ug/l	100
30) Chloroform	5.086	83	308192	54.409	ug/l	97
31) Cyclohexane	5.464	56	214267	41.340	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	242495	48.359	ug/l	98
36) 1,1-Dichloropropene	5.684	75	198082	42.835	ug/l	99
37) Ethyl Acetate	4.702	43	272647	53.969	ug/l	99
38) Carbon Tetrachloride	5.666	117	190282	41.362	ug/l	98
39) Methylcyclohexane	7.379	83	197866	35.754	ug/l	97
40) Benzene	6.031	78	657537	48.606	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	148167m	53.516	ug/l	
42) 1,2-Dichloroethane	6.080	62	274735	55.259	ug/l	99
43) Isopropyl Acetate	6.330	43	457665	53.476	ug/l	99
44) Trichloroethene	7.117	130	157777	44.888	ug/l	98
45) 1,2-Dichloropropane	7.428	63	179578	50.840	ug/l	100
46) Dibromomethane	7.574	93	127943	53.279	ug/l	99
47) Bromodichloromethane	7.818	83	239128	51.452	ug/l	96
48) Methyl methacrylate	7.690	41	222471	54.049	ug/l	98
49) 1,4-Dioxane	7.653	88	89833	1039.082	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	1443790	290.806	ug/l	99
52) Toluene	8.714	92	441009	52.656	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	301209	57.527	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	317691	56.082	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	192741	57.987	ug/l	99
56) Ethyl methacrylate	9.116	69	319110	58.473	ug/l	97
57) 1,3-Dichloropropane	9.305	76	348602	59.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	732064	260.289	ug/l	98
59) 2-Hexanone	9.427	43	1119874	291.796	ug/l	100
60) Dibromochloromethane	9.519	129	206622	59.271	ug/l	99
61) 1,2-Dibromoethane	9.610	107	210675	58.736	ug/l	100
64) Tetrachloroethene	9.269	164	138298	43.568	ug/l	96
65) Chlorobenzene	10.079	112	488454	47.112	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	187340	49.611	ug/l	99
67) Ethyl Benzene	10.189	91	845682	45.562	ug/l	97
68) m/p-Xylenes	10.299	106	652533	91.518	ug/l	100
69) o-Xylene	10.640	106	331576	46.339	ug/l	98
70) Styrene	10.653	104	567141	49.127	ug/l	99
71) Bromoform	10.799	173	144531	49.723	ug/l	99
73) Isopropylbenzene	10.963	105	802317	43.192	ug/l	99
74) N-amyl acetate	10.842	43	454938	51.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	313272	50.539	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	266069m	48.213	ug/l	
77) Bromobenzene	11.195	156	217873	48.886	ug/l	99
78) n-propylbenzene	11.305	91	919385	42.856	ug/l	99
79) 2-Chlorotoluene	11.360	91	604749	45.644	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	695944	44.667	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	90856	44.539	ug/l	95
82) 4-Chlorotoluene	11.451	91	712095	46.661	ug/l	100
83) tert-Butylbenzene	11.713	119	658368	41.910	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	724618	45.506	ug/l	99
85) sec-Butylbenzene	11.890	105	758427	39.491	ug/l	99
86) p-Isopropyltoluene	12.006	119	661265	40.968	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	400754	45.893	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	402699	45.608	ug/l	100
89) n-Butylbenzene	12.329	91	546488	38.085	ug/l	100
90) Hexachloroethane	12.536	117	111411	37.303	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	404072	47.882	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71228	50.577	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	232401	44.038	ug/l	97
94) Hexachlorobutadiene	13.725	225	79371	37.333	ug/l	98
95) Naphthalene	13.774	128	885750	50.053	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	236629	45.871	ug/l	99

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

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