

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034790.D
 Acq On : 28 Mar 2023 14:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 16:09:27 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 :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	242932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	398424	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156354	44.241	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.480%		
35) Dibromofluoromethane	5.385	113	120031	45.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.260%		
50) Toluene-d8	8.647	98	435133	44.310	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.620%#		
62) 4-Bromofluorobenzene	11.079	95	176802	44.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122014	53.875	ug/l	99
3) Chloromethane	1.294	50	159028	46.257	ug/l	100
4) Vinyl Chloride	1.374	62	160742	52.126	ug/l	99
5) Bromomethane	1.617	94	106337	68.344	ug/l	96
6) Chloroethane	1.691	64	109434	61.635	ug/l	99
7) Trichlorofluoromethane	1.886	101	272126	58.729	ug/l	98
8) Diethyl Ether	2.130	74	95574	56.503	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	141015	52.221	ug/l	98
10) Methyl Iodide	2.453	142	171244	48.301	ug/l	96
11) Tert butyl alcohol	2.983	59	168871m	229.455	ug/l	
12) 1,1-Dichloroethene	2.319	96	131093	49.293	ug/l	94
13) Acrolein	2.233	56	131089	225.154	ug/l	98
14) Allyl chloride	2.666	41	256637	47.599	ug/l	96
15) Acrylonitrile	3.062	53	403254	253.648	ug/l	99
16) Acetone	2.386	43	381308	229.045	ug/l	98
17) Carbon Disulfide	2.514	76	309491	41.352	ug/l	100
18) Methyl Acetate	2.703	43	297192	54.634	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	498590	52.361	ug/l	99
20) Methylene Chloride	2.788	84	155699	48.189	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	143908	50.953	ug/l	95
22) Diisopropyl ether	3.757	45	541393	52.666	ug/l	93
23) Vinyl Acetate	3.721	43	1997437	255.309	ug/l	99
24) 1,1-Dichloroethane	3.605	63	286925	51.923	ug/l	98
25) 2-Butanone	4.556	43	589199	247.349	ug/l	98
26) 2,2-Dichloropropane	4.471	77	240254	50.018	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	173357	50.988	ug/l	99
28) Bromochloromethane	4.897	49	135109	52.584	ug/l	100
29) Tetrahydrofuran	5.001	42	370949	252.369	ug/l	99
30) Chloroform	5.092	83	292601	54.018	ug/l	98
31) Cyclohexane	5.470	56	252079	50.858	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	254496	53.073	ug/l	99
36) 1,1-Dichloropropene	5.690	75	217566	53.848	ug/l	98
37) Ethyl Acetate	4.708	43	232338	52.636	ug/l	99
38) Carbon Tetrachloride	5.678	117	212277	52.812	ug/l	97
39) Methylcyclohexane	7.379	83	249405	51.581	ug/l	94
40) Benzene	6.037	78	627078	53.054	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	132239	54.666	ug/l	98
42) 1,2-Dichloroethane	6.080	62	249300	57.390	ug/l	98
43) Isopropyl Acetate	6.336	43	395465	52.886	ug/l	99
44) Trichloroethene	7.123	130	162230	52.825	ug/l	100
45) 1,2-Dichloropropane	7.427	63	165135	53.507	ug/l	99
46) Dibromomethane	7.580	93	113198	53.951	ug/l	99
47) Bromodichloromethane	7.818	83	218354	53.772	ug/l	98
48) Methyl methacrylate	7.690	41	193292	53.747	ug/l	97
49) 1,4-Dioxane	7.702	88	70069	927.609	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1181581	272.388	ug/l	99
52) Toluene	8.720	92	398677	54.481	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	246333	53.846	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	264727	53.486	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	161679	55.672	ug/l	98
56) Ethyl methacrylate	9.116	69	259718	54.468	ug/l	98
57) 1,3-Dichloropropane	9.305	76	281080	54.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	580530	236.242	ug/l	100
59) 2-Hexanone	9.427	43	907602	270.664	ug/l	99
60) Dibromochloromethane	9.518	129	163327	53.623	ug/l	99
61) 1,2-Dibromoethane	9.610	107	169333	54.033	ug/l	99
64) Tetrachloroethene	9.275	164	141764	58.299	ug/l	99
65) Chlorobenzene	10.079	112	425119	53.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	155319	53.692	ug/l	99
67) Ethyl Benzene	10.195	91	784925	55.203	ug/l	98
68) m/p-Xylenes	10.299	106	601693	110.158	ug/l	98
69) o-Xylene	10.640	106	295539	53.916	ug/l	99
70) Styrene	10.652	104	492848	55.728	ug/l	100
71) Bromoform	10.799	173	109971	49.387	ug/l #	99
73) Isopropylbenzene	10.963	105	778894	54.137	ug/l	99
74) N-amyl acetate	10.841	43	362920	52.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	251135	52.308	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	208503m	48.780	ug/l	
77) Bromobenzene	11.195	156	180508	52.293	ug/l	99
78) n-propylbenzene	11.305	91	922923	55.544	ug/l	99
79) 2-Chlorotoluene	11.366	91	558914	54.464	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	664078	55.029	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70942	44.900	ug/l	91
82) 4-Chlorotoluene	11.457	91	656318	55.525	ug/l	100
83) tert-Butylbenzene	11.713	119	640822	52.667	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	665563	53.965	ug/l	100
85) sec-Butylbenzene	11.890	105	788032	52.977	ug/l	100
86) p-Isopropyltoluene	12.012	119	667635	53.404	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	354293	52.383	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	361747	52.896	ug/l	99
89) n-Butylbenzene	12.335	91	593759	53.425	ug/l	98
90) Hexachloroethane	12.536	117	109301	47.250	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	348079	53.254	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	54751	50.194	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	212934	52.095	ug/l	98
94) Hexachlorobutadiene	13.725	225	85114	51.688	ug/l	99
95) Naphthalene	13.774	128	715187	52.179	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	208226	52.115	ug/l	99

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

