

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031023\
 Data File : VX034420.D
 Acq On : 10 Mar 2023 17:26
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031023

Quant Time: Mar 13 10:38:27 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 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	333111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	556850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	502513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	227082	46.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.720%		
35) Dibromofluoromethane	5.379	113	174813	47.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	8.647	98	643281	46.869	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.740%		
62) 4-Bromofluorobenzene	11.079	95	260705	47.026	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	144682	46.590	ug/l	99
3) Chloromethane	1.307	50	210187	44.538	ug/l	99
4) Vinyl Chloride	1.374	62	185472	43.863	ug/l	97
5) Bromomethane	1.599	94	99968	46.857	ug/l	95
6) Chloroethane	1.679	64	116709	47.937	ug/l	100
7) Trichlorofluoromethane	1.886	101	289938	45.633	ug/l	99
8) Diethyl Ether	2.130	74	106411	45.879	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	176926	47.782	ug/l	99
10) Methyl Iodide	2.447	142	241216	49.619	ug/l	98
11) Tert butyl alcohol	2.953	59	222628	220.607	ug/l	99
12) 1,1-Dichloroethene	2.319	96	166183	45.571	ug/l	98
13) Acrolein	2.233	56	201447	252.331	ug/l	98
14) Allyl chloride	2.660	41	343824	46.506	ug/l	99
15) Acrylonitrile	3.056	53	526043	241.307	ug/l	99
16) Acetone	2.374	43	552427	242.000	ug/l	100
17) Carbon Disulfide	2.508	76	459295	44.755	ug/l	99
18) Methyl Acetate	2.697	43	354193	47.486	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	630029	48.253	ug/l	99
20) Methylene Chloride	2.782	84	199351	44.997	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	184646	47.678	ug/l	98
22) Diisopropyl ether	3.758	45	685468	48.629	ug/l	92
23) Vinyl Acetate	3.715	43	2670865	248.966	ug/l	100
24) 1,1-Dichloroethane	3.605	63	363550	47.979	ug/l	98
25) 2-Butanone	4.550	43	806205	246.825	ug/l	98
26) 2,2-Dichloropropane	4.471	77	320289	48.629	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	221108	47.427	ug/l	99
28) Bromochloromethane	4.891	49	171934	48.801	ug/l	99
29) Tetrahydrofuran	4.995	42	483596	239.939	ug/l	99
30) Chloroform	5.087	83	366972	49.407	ug/l	100
31) Cyclohexane	5.465	56	322045	47.385	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	320746	48.780	ug/l	100
36) 1,1-Dichloropropene	5.690	75	269415	47.709	ug/l	99
37) Ethyl Acetate	4.709	43	303784	49.242	ug/l	100
38) Carbon Tetrachloride	5.672	117	273970	48.769	ug/l	98
39) Methylcyclohexane	7.379	83	328813	48.656	ug/l	97
40) Benzene	6.032	78	785098	47.525	ug/l	99

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41) Methacrylonitrile	4.910	41	166413	49.221	ug/l	99
42) 1,2-Dichloroethane	6.080	62	309707	51.012	ug/l	99
43) Isopropyl Acetate	6.336	43	516094	49.382	ug/l	99
44) Trichloroethene	7.123	130	202350	47.143	ug/l	100
45) 1,2-Dichloropropane	7.428	63	208126	48.251	ug/l	99
46) Dibromomethane	7.574	93	142656	48.647	ug/l	99
47) Bromodichloromethane	7.818	83	287645	50.683	ug/l	97
48) Methyl methacrylate	7.690	41	252069	50.149	ug/l	99
49) 1,4-Dioxane	7.653	88	103959	984.710	ug/l	100
51) 4-Methyl-2-Pentanone	8.568	43	1487155	245.294	ug/l	99
52) Toluene	8.714	92	491679	48.075	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	329021	51.459	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	348608	50.395	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	200774	49.465	ug/l	99
56) Ethyl methacrylate	9.116	69	332270	49.858	ug/l	99
57) 1,3-Dichloropropane	9.305	76	353008	48.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	829905	241.639	ug/l	100
59) 2-Hexanone	9.427	43	1153718	246.174	ug/l	100
60) Dibromochloromethane	9.519	129	217936	51.195	ug/l	99
61) 1,2-Dibromoethane	9.610	107	213914	48.839	ug/l	100
64) Tetrachloroethene	9.275	164	159907	47.372	ug/l	99
65) Chlorobenzene	10.080	112	523146	47.449	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	200607	49.957	ug/l	99
67) Ethyl Benzene	10.195	91	961090	48.692	ug/l	99
68) m/p-Xylenes	10.299	106	720402	95.011	ug/l	99
69) o-Xylene	10.640	106	365464	48.030	ug/l	99
70) Styrene	10.653	104	602125	49.047	ug/l	99
71) Bromoform	10.799	173	156938	50.772	ug/l	99
73) Isopropylbenzene	10.964	105	943478	47.011	ug/l	100
74) N-amyl acetate	10.842	43	462978	48.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	317993	47.483	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	265824m	44.584	ug/l	
77) Bromobenzene	11.195	156	222926	46.298	ug/l	98
78) n-propylbenzene	11.305	91	1128302	48.681	ug/l	100
79) 2-Chlorotoluene	11.366	91	679417	47.463	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	806113	47.888	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	106080	48.132	ug/l	99
82) 4-Chlorotoluene	11.451	91	789043	47.855	ug/l	99
83) tert-Butylbenzene	11.713	119	803813	47.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	820368	47.686	ug/l	99
85) sec-Butylbenzene	11.890	105	1000627	48.225	ug/l	100
86) p-Isopropyltoluene	12.006	119	846269	48.529	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	446529	47.330	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	447803	46.942	ug/l	100
89) n-Butylbenzene	12.329	91	768244	49.555	ug/l	100
90) Hexachloroethane	12.543	117	160204	49.648	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	435835	47.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	77502	50.936	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	284068	49.823	ug/l	98
94) Hexachlorobutadiene	13.725	225	113808	49.547	ug/l	100
95) Naphthalene	13.774	128	942619	49.302	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	275520	49.436	ug/l	98

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

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