

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034014.D
 Acq On : 03 Feb 2023 16:41
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 03 22:21:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 22:11:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	156746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224715	138.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 277.060%#			
35) Dibromofluoromethane	5.385	113	205886	152.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 304.200%#			
50) Toluene-d8	8.647	98	732411	149.306	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 298.620%#			
62) 4-Bromofluorobenzene	11.079	95	267978	148.491	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 296.980%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	172630	137.800	ug/l	98
3) Chloromethane	1.295	50	163164	122.319	ug/l	99
4) Vinyl Chloride	1.374	62	173675	134.769	ug/l	99
5) Bromomethane	1.612	94	85834	115.048	ug/l	98
6) Chloroethane	1.679	64	84777	105.782	ug/l	97
7) Trichlorofluoromethane	1.886	101	270777	127.209	ug/l	95
8) Diethyl Ether	2.130	74	92658	129.532	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	174464	122.565	ug/l	92
10) Methyl Iodide	2.453	142	266919	142.753	ug/l	93
11) Tert butyl alcohol	2.959	59	151242m	555.368	ug/l	
12) 1,1-Dichloroethene	2.319	96	169934	126.796	ug/l	89
13) Acrolein	2.233	56	204924	733.703	ug/l	99
14) Allyl chloride	2.660	41	289736	118.727	ug/l	89
15) Acrylonitrile	3.063	53	447784	603.455	ug/l	99
16) Acetone	2.380	43	390425	526.147	ug/l	94
17) Carbon Disulfide	2.514	76	444414	127.291	ug/l	99
18) Methyl Acetate	2.703	43	274851	121.314	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	552772	126.522	ug/l	99
20) Methylene Chloride	2.788	84	184311	115.982	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	184071	124.246	ug/l	95
22) Diisopropyl ether	3.758	45	550442	116.416	ug/l	92
23) Vinyl Acetate	3.721	43	2181039	611.922	ug/l	97
24) 1,1-Dichloroethane	3.611	63	318339	121.883	ug/l	99
25) 2-Butanone	4.556	43	601784	572.158	ug/l	94
26) 2,2-Dichloropropane	4.477	77	253583	135.055	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	214310	126.190	ug/l	96
28) Bromochloromethane	4.898	49	158415	134.287	ug/l	87
29) Tetrahydrofuran	5.001	42	392022	590.397	ug/l	95
30) Chloroform	5.093	83	329435	122.861	ug/l	99
31) Cyclohexane	5.471	56	289673	121.629	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	302335	131.929	ug/l	97
36) 1,1-Dichloropropene	5.690	75	251621	128.190	ug/l	98
37) Ethyl Acetate	4.715	43	241965	113.762	ug/l	98
38) Carbon Tetrachloride	5.678	117	278822	137.114	ug/l	99
39) Methylcyclohexane	7.379	83	320639	131.880	ug/l	95
40) Benzene	6.038	78	730986	128.013	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	140657	132.329	ug/l	97
42) 1,2-Dichloroethane	6.086	62	253964	126.331	ug/l	99
43) Isopropyl Acetate	6.336	43	397370	129.711	ug/l	97
44) Trichloroethene	7.123	130	228411	141.171	ug/l	96
45) 1,2-Dichloropropane	7.428	63	184261	129.214	ug/l	98
46) Dibromomethane	7.580	93	133660	133.500	ug/l	94
47) Bromodichloromethane	7.824	83	259928	135.293	ug/l	96
48) Methyl methacrylate	7.690	41	200571	130.262	ug/l	95
49) 1,4-Dioxane	7.684	88	68883	2077.949	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	1129226	602.913	ug/l	97
52) Toluene	8.720	92	474674	128.905	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	286199	149.097	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	310365	143.964	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	189907	129.746	ug/l	98
56) Ethyl methacrylate	9.116	69	285180	139.103	ug/l	95
57) 1,3-Dichloropropane	9.305	76	307676	130.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	663612	662.355	ug/l	97
59) 2-Hexanone	9.433	43	831234	638.093	ug/l	97
60) Dibromochloromethane	9.519	129	225898	148.532	ug/l	99
61) 1,2-Dibromoethane	9.610	107	207866	142.809	ug/l	98
64) Tetrachloroethene	9.275	164	205701	139.480	ug/l	98
65) Chlorobenzene	10.080	112	525706	133.495	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	207979	142.912	ug/l	99
67) Ethyl Benzene	10.195	91	898895	133.701	ug/l	99
68) m/p-Xylenes	10.299	106	704466	267.132	ug/l	99
69) o-Xylene	10.640	106	343300	131.799	ug/l	99
70) Styrene	10.653	104	576137	136.099	ug/l	99
71) Bromoform	10.799	173	182198	149.948	ug/l #	98
73) Isopropylbenzene	10.964	105	897547	121.824	ug/l	99
74) N-amyl acetate	10.842	43	331074	126.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	261432	118.355	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	236224m	127.514	ug/l	
77) Bromobenzene	11.195	156	248985	124.649	ug/l	97
78) n-propylbenzene	11.305	91	1009774	123.058	ug/l	98
79) 2-Chlorotoluene	11.366	91	597850	119.734	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	743172	122.126	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	86760	145.333	ug/l	93
82) 4-Chlorotoluene	11.451	91	680643	120.078	ug/l	98
83) tert-Butylbenzene	11.713	119	796353	132.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	754607	131.604	ug/l	100
85) sec-Butylbenzene	11.890	105	943134	131.178	ug/l	99
86) p-Isopropyltoluene	12.006	119	836287	135.653	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	457931	133.902	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	461797	132.739	ug/l	100
89) n-Butylbenzene	12.329	91	680413	135.659	ug/l	99
90) Hexachloroethane	12.536	117	143878	143.141	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	436795	132.065	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59222	143.690	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	340214	152.174	ug/l	100
94) Hexachlorobutadiene	13.725	225	158705	145.181	ug/l	99
95) Naphthalene	13.774	128	933588	145.546	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	332086	148.199	ug/l	100

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

