

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020924\
 Data File : VX040181.D
 Acq On : 09 Feb 2024 18:05
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 10 05:49:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:39:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	93868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155197	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83049	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201078	143.989	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 287.980%#			
35) Dibromofluoromethane	5.385	113	156245	144.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 288.320%#			
50) Toluene-d8	8.653	98	583768	143.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 287.980%#			
62) 4-Bromofluorobenzene	11.079	95	252247	152.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 305.120%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	151473	142.855	ug/l	96
3) Chloromethane	1.295	50	145546	133.113	ug/l	98
4) Vinyl Chloride	1.374	62	155389	134.481	ug/l	99
5) Bromomethane	1.593	94	78343	120.150	ug/l	100
6) Chloroethane	1.666	64	93459	128.249	ug/l	99
7) Trichlorofluoromethane	1.874	101	253309	136.510	ug/l	98
8) Diethyl Ether	2.136	74	90405	129.695	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	134177	134.803	ug/l	97
10) Methyl Iodide	2.447	142	160430	145.178	ug/l	92
11) Tert butyl alcohol	2.983	59	188706	693.739	ug/l	# 91
12) 1,1-Dichloroethene	2.313	96	133033	138.814	ug/l	90
13) Acrolein	2.239	56	167695	696.529	ug/l	100
14) Allyl chloride	2.660	41	227771	136.953	ug/l	97
15) Acrylonitrile	3.069	53	425224	698.666	ug/l	99
16) Acetone	2.386	43	374125	652.303	ug/l	95
17) Carbon Disulfide	2.502	76	342403	135.332	ug/l	99
18) Methyl Acetate	2.703	43	209080	135.985	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	487977	144.531	ug/l	100
20) Methylene Chloride	2.788	84	153561	145.876	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	144992	132.841	ug/l	93
22) Diisopropyl ether	3.764	45	496469	147.192	ug/l	91
23) Vinyl Acetate	3.727	43	2280011	758.279	ug/l	98
24) 1,1-Dichloroethane	3.605	63	274598	139.763	ug/l	99
25) 2-Butanone	4.562	43	628526	701.066	ug/l	95
26) 2,2-Dichloropropane	4.477	77	231833	153.283	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	175490	140.940	ug/l	95
28) Bromochloromethane	4.898	49	123468	148.013	ug/l	90
29) Tetrahydrofuran	5.007	42	418666	716.792	ug/l	95
30) Chloroform	5.093	83	304647	143.414	ug/l	98
31) Cyclohexane	5.471	56	230078	138.129	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	267658	149.776	ug/l	99
36) 1,1-Dichloropropene	5.690	75	214386	141.207	ug/l	98
37) Ethyl Acetate	4.715	43	242565	143.586	ug/l	99
38) Carbon Tetrachloride	5.678	117	220387	152.671	ug/l	97
39) Methylcyclohexane	7.379	83	250754	142.119	ug/l	95
40) Benzene	6.038	78	606226	142.787	ug/l	100

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41) Methacrylonitrile	4.922	41	138933	157.321	ug/l	95
42) 1,2-Dichloroethane	6.086	62	246272	148.400	ug/l	100
43) Isopropyl Acetate	6.342	43	403620	153.052	ug/l	98
44) Trichloroethene	7.123	130	164923	140.823	ug/l	98
45) 1,2-Dichloropropane	7.428	63	159415	144.257	ug/l	98
46) Dibromomethane	7.580	93	122161	150.098	ug/l	96
47) Bromodichloromethane	7.824	83	241548	154.029	ug/l	98
48) Methyl methacrylate	7.696	41	207027	153.424	ug/l	92
49) 1,4-Dioxane	7.665	88	81505	2776.505	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	1348005	748.688	ug/l	99
52) Toluene	8.720	92	404835	145.573	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	276405	148.776	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	279383	158.965	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	176617	148.903	ug/l	95
56) Ethyl methacrylate	9.116	69	285894	161.005	ug/l	97
57) 1,3-Dichloropropane	9.311	76	285062	147.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	634090	754.868	ug/l	99
59) 2-Hexanone	9.433	43	1076888	754.379	ug/l	99
60) Dibromochloromethane	9.525	129	198405	164.182	ug/l	99
61) 1,2-Dibromoethane	9.610	107	192055	152.330	ug/l	100
64) Tetrachloroethene	9.275	164	141760	131.266	ug/l	98
65) Chlorobenzene	10.080	112	448522	139.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	170942	153.457	ug/l	99
67) Ethyl Benzene	10.195	91	815875	142.430	ug/l	100
68) m/p-Xylenes	10.305	106	615679	284.587	ug/l	98
69) o-Xylene	10.640	106	309132	147.042	ug/l	96
70) Styrene	10.653	104	542262	155.140	ug/l	99
71) Bromoform	10.799	173	157497	148.670	ug/l #	100
73) Isopropylbenzene	10.964	105	845205	144.494	ug/l	98
74) N-amyl acetate	10.842	43	408274	162.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	298998	142.276	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	239996m	142.704	ug/l	
77) Bromobenzene	11.201	156	206464	149.444	ug/l	96
78) n-propylbenzene	11.305	91	1008856	142.458	ug/l	100
79) 2-Chlorotoluene	11.366	91	607222	141.996	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	724512	147.124	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	94136	149.572	ug/l	92
82) 4-Chlorotoluene	11.457	91	721694	142.437	ug/l	99
83) tert-Butylbenzene	11.713	119	712199	147.514	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	728406	146.203	ug/l	99
85) sec-Butylbenzene	11.890	105	901200	145.244	ug/l	100
86) p-Isopropyltoluene	12.012	119	749861	147.433	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	397510	145.216	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	395435	136.410	ug/l	98
89) n-Butylbenzene	12.335	91	717666	146.174	ug/l	98
90) Hexachloroethane	12.536	117	136831	170.557	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	369087	139.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	75756	156.187	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	256800	141.549	ug/l	97
94) Hexachlorobutadiene	13.725	225	98755	136.390	ug/l	99
95) Naphthalene	13.774	128	843731	147.249	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	250349	144.769	ug/l	98

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

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