

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042882.D
 Acq On : 06 Aug 2024 20:15
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 07 02:40:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	249533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	418487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192473	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	511620	149.352	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 298.700%#			
35) Dibromofluoromethane	5.391	113	412611	150.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 301.580%#			
50) Toluene-d8	8.653	98	1445180	148.775	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 297.560%#			
62) 4-Bromofluorobenzene	11.079	95	554230	158.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 317.560%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	409842	152.377	ug/l	100
3) Chloromethane	1.301	50	410908	140.214	ug/l	100
4) Vinyl Chloride	1.374	62	417247	150.059	ug/l	99
5) Bromomethane	1.599	94	259045	153.937	ug/l	96
6) Chloroethane	1.660	64	199078	125.676	ug/l	100
7) Trichlorofluoromethane	1.861	101	546664	126.418	ug/l	99
8) Diethyl Ether	2.136	74	230628	145.000	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.313	101	392910	144.519	ug/l	96
10) Methyl Iodide	2.441	142	431975	153.661	ug/l	93
11) Tert butyl alcohol	3.014	59	539080	791.169	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	396179	144.044	ug/l	88
13) Acrolein	2.239	56	499122	743.158	ug/l	99
14) Allyl chloride	2.660	41	578545	139.212	ug/l	# 92
15) Acrylonitrile	3.075	53	1243328	714.929	ug/l	99
16) Acetone	2.398	43	1019014	685.828	ug/l	91
17) Carbon Disulfide	2.496	76	1022475	152.768	ug/l	100
18) Methyl Acetate	2.715	43	619665	131.516	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	1365923	147.550	ug/l	100
20) Methylene Chloride	2.782	84	443974	149.698	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	408180	147.510	ug/l	93
22) Diisopropyl ether	3.770	45	1297577	142.127	ug/l	88
23) Vinyl Acetate	3.727	43	7640705	737.390	ug/l	96
24) 1,1-Dichloroethane	3.605	63	730518	139.127	ug/l	99
25) 2-Butanone	4.574	43	1679501	719.777	ug/l	95
26) 2,2-Dichloropropane	4.471	77	490409	151.925	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	490163	149.367	ug/l	90
28) Bromochloromethane	4.898	49	271608	134.809	ug/l	85
29) Tetrahydrofuran	5.019	42	1098508	696.696	ug/l	94
30) Chloroform	5.093	83	795011	144.631	ug/l	97
31) Cyclohexane	5.464	56	640289	149.382	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	736884	152.280	ug/l	97
36) 1,1-Dichloropropene	5.690	75	542603	146.260	ug/l	97
37) Ethyl Acetate	4.727	43	665576	143.391	ug/l	98
38) Carbon Tetrachloride	5.672	117	638203	152.395	ug/l	99
39) Methylcyclohexane	7.379	83	685402	155.415	ug/l	95
40) Benzene	6.038	78	1687417	146.556	ug/l	100

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41) Methacrylonitrile	4.928	41	362727	151.722	ug/l	93
42) 1,2-Dichloroethane	6.086	62	607527	145.065	ug/l	98
43) Isopropyl Acetate	6.348	43	1056765	153.944	ug/l	97
44) Trichloroethene	7.123	130	426591	147.453	ug/l	99
45) 1,2-Dichloropropane	7.434	63	416603	142.637	ug/l	97
46) Dibromomethane	7.580	93	318013	148.250	ug/l	93
47) Bromodichloromethane	7.824	83	617815	155.039	ug/l	96
48) Methyl methacrylate	7.696	41	512358	155.656	ug/l	91
49) 1,4-Dioxane	7.671	88	227990	2991.192	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	3340963	726.586	ug/l	96
52) Toluene	8.720	92	1034015	148.054	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	618724	167.964	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	655772	161.195	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	424025	149.346	ug/l	96
56) Ethyl methacrylate	9.122	69	731692	160.150	ug/l	93
57) 1,3-Dichloropropane	9.311	76	682676	146.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1625564	754.909	ug/l	100
59) 2-Hexanone	9.433	43	2655823	745.393	ug/l	95
60) Dibromochloromethane	9.525	129	500690	160.531	ug/l	100
61) 1,2-Dibromoethane	9.610	107	452132	150.724	ug/l	100
64) Tetrachloroethene	9.275	164	376890	145.519	ug/l	98
65) Chlorobenzene	10.080	112	1162481	147.066	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	419659	153.971	ug/l	99
67) Ethyl Benzene	10.195	91	2037419	153.236	ug/l	99
68) m/p-Xylenes	10.299	106	1559381	307.218	ug/l	97
69) o-Xylene	10.640	106	766220	150.693	ug/l	100
70) Styrene	10.653	104	1317965	161.190	ug/l	97
71) Bromoform	10.799	173	377740	149.639	ug/l #	100
73) Isopropylbenzene	10.964	105	1965355	141.234	ug/l	98
74) N-amyl acetate	10.842	43	969611	154.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	687775	134.916	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	647643m	153.397	ug/l	
77) Bromobenzene	11.201	156	504332	142.474	ug/l	90
78) n-propylbenzene	11.305	91	2291999	148.279	ug/l	99
79) 2-Chlorotoluene	11.366	91	1386472	139.945	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1688172	146.513	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	224355	168.527	ug/l	87
82) 4-Chlorotoluene	11.457	91	1636862	146.990	ug/l	97
83) tert-Butylbenzene	11.713	119	1754152	148.139	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1728957	149.050	ug/l	98
85) sec-Butylbenzene	11.890	105	2094823	150.238	ug/l	99
86) p-Isopropyltoluene	12.012	119	1788736	154.409	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	930675	145.276	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	940918	143.289	ug/l	97
89) n-Butylbenzene	12.335	91	1623353	162.435	ug/l	98
90) Hexachloroethane	12.536	117	332111	156.725	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	934677	145.700	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	173558	154.944	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	617501	157.807	ug/l	96
94) Hexachlorobutadiene	13.725	225	256131	154.336	ug/l	99
95) Naphthalene	13.774	128	2165003	159.889	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	630839	160.157	ug/l	99

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

