

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042791.D
 Acq On : 01 Aug 2024 11:50
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 01 16:17:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:14:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/01/2024
 Supervised By : Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	88247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71152	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214554	151.332	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 302.660%#			
35) Dibromofluoromethane	5.385	113	167653	156.047	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 312.100%#			
50) Toluene-d8	8.647	98	603244	154.690	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 309.380%#			
62) 4-Bromofluorobenzene	11.079	95	240167	168.523	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 337.040%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	225812	161.473	ug/l	99
3) Chloromethane	1.301	50	171906	150.401	ug/l	97
4) Vinyl Chloride	1.374	62	167878	153.374	ug/l	100
5) Bromomethane	1.599	94	63220	167.633	ug/l	99
6) Chloroethane	1.666	64	59078	149.498	ug/l	96
7) Trichlorofluoromethane	1.868	101	196435	133.719	ug/l	100
8) Diethyl Ether	2.136	74	76950	137.478	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.313	101	160471	144.817	ug/l	97
10) Methyl Iodide	2.441	142	168342	158.727	ug/l	93
11) Tert butyl alcohol	3.008	59	195467	751.716	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	163102	151.857	ug/l	87
13) Acrolein	2.240	56	203581	730.525	ug/l	98
14) Allyl chloride	2.660	41	197049	142.696	ug/l	# 90
15) Acrylonitrile	3.075	53	431330	740.683	ug/l	99
16) Acetone	2.398	43	337938	656.429	ug/l	91
17) Carbon Disulfide	2.502	76	393150	162.258	ug/l	97
18) Methyl Acetate	2.709	43	199723	154.579	ug/l	# 88
19) Methyl tert-butyl Ether	3.123	73	538616	151.263	ug/l	97
20) Methylene Chloride	2.788	84	175056	149.453	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	160757	145.057	ug/l	89
22) Diisopropyl ether	3.770	45	429714	145.164	ug/l	# 79
23) Vinyl Acetate	3.727	43	1985130	771.402	ug/l	# 91
24) 1,1-Dichloroethane	3.605	63	280001	145.615	ug/l	95
25) 2-Butanone	4.568	43	567444	750.198	ug/l	# 89
26) 2,2-Dichloropropane	4.471	77	243930	148.214	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	197918	152.774	ug/l	86
28) Bromochloromethane	4.898	49	98383	142.735	ug/l	# 72
29) Tetrahydrofuran	5.013	42	354353	752.112	ug/l	# 83
30) Chloroform	5.093	83	310098	145.034	ug/l	97
31) Cyclohexane	5.465	56	236029	151.094	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	293401	154.498	ug/l	97
36) 1,1-Dichloropropene	5.690	75	211028	151.461	ug/l	96
37) Ethyl Acetate	4.727	43	215421	151.464	ug/l	# 94
38) Carbon Tetrachloride	5.672	117	255471	159.102	ug/l	98
39) Methylcyclohexane	7.379	83	277205	158.772	ug/l	88
40) Benzene	6.038	78	650081	148.695	ug/l	98

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41) Methacrylonitrile	4.934	41	119355	158.692	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	242468	153.553	ug/l	97
43) Isopropyl Acetate	6.349	43	355129	159.636	ug/l #	92
44) Trichloroethene	7.123	130	172807	150.985	ug/l	96
45) 1,2-Dichloropropane	7.428	63	151883	154.926	ug/l	97
46) Dibromomethane	7.580	93	122920	147.223	ug/l	94
47) Bromodichloromethane	7.824	83	247375	162.477	ug/l	96
48) Methyl methacrylate	7.696	41	175026	160.028	ug/l #	85
49) 1,4-Dioxane	7.665	88	82419	2942.532	ug/l #	84
51) 4-Methyl-2-Pentanone	8.580	43	1133196	769.122	ug/l	92
52) Toluene	8.720	92	423598	149.339	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	256841	170.282	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	265414	165.650	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	165146	143.953	ug/l	95
56) Ethyl methacrylate	9.116	69	276229	166.250	ug/l	89
57) 1,3-Dichloropropane	9.311	76	271643	150.042	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	594476	776.840	ug/l	91
59) 2-Hexanone	9.433	43	892701	781.313	ug/l	92
60) Dibromochloromethane	9.525	129	197351	169.835	ug/l	99
61) 1,2-Dibromoethane	9.610	107	179314	157.530	ug/l	100
64) Tetrachloroethene	9.275	164	141511	145.971	ug/l	98
65) Chlorobenzene	10.080	112	476406	150.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	168176	159.317	ug/l	99
67) Ethyl Benzene	10.195	91	829989	156.229	ug/l	99
68) m/p-Xylenes	10.299	106	639452	315.058	ug/l	98
69) o-Xylene	10.640	106	315078	157.017	ug/l	98
70) Styrene	10.653	104	543938	160.391	ug/l	98
71) Bromoform	10.799	173	139432	176.792	ug/l #	98
73) Isopropylbenzene	10.964	105	809798	148.754	ug/l	98
74) N-amyl acetate	10.842	43	337598	161.328	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	271273	144.392	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	224565m	135.343	ug/l	
77) Bromobenzene	11.201	156	195567	145.060	ug/l	93
78) n-propylbenzene	11.305	91	951161	156.699	ug/l	99
79) 2-Chlorotoluene	11.366	91	575998	145.799	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	697832	149.602	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	93005	169.312	ug/l	88
82) 4-Chlorotoluene	11.457	91	676327	150.864	ug/l	99
83) tert-Butylbenzene	11.713	119	735275	158.170	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	727662	156.244	ug/l	98
85) sec-Butylbenzene	11.890	105	875802	153.883	ug/l	98
86) p-Isopropyltoluene	12.006	119	756085	157.577	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	379164	150.779	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	384891	152.149	ug/l	99
89) n-Butylbenzene	12.335	91	662627	168.769	ug/l	99
90) Hexachloroethane	12.536	117	138737	163.216	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	375915	151.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71109	170.103	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	245980	172.267	ug/l	96
94) Hexachlorobutadiene	13.725	225	94854	152.969	ug/l	99
95) Naphthalene	13.774	128	898631	164.922	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	245626	167.354	ug/l	100

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

