

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043027.D
 Acq On : 14 Aug 2024 13:17
 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 14 14:01:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 13:56:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131383	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	233550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102855	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	262578	152.097	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 304.200%#			
35) Dibromofluoromethane	5.385	113	225623	156.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 312.320%#			
50) Toluene-d8	8.647	98	884598	158.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 317.220%#			
62) 4-Bromofluorobenzene	11.079	95	337126	166.701	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 333.400%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	201322	151.560	ug/l	96
3) Chloromethane	1.301	50	291757	148.379	ug/l	98
4) Vinyl Chloride	1.374	62	294698	149.216	ug/l	99
5) Bromomethane	1.599	94	92753	154.992	ug/l	98
6) Chloroethane	1.660	64	82844	133.092	ug/l	99
7) Trichlorofluoromethane	1.861	101	280670	135.917	ug/l	99
8) Diethyl Ether	2.136	74	132846	139.064	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	221447	149.952	ug/l	98
10) Methyl Iodide	2.441	142	249873	147.931	ug/l #	87
11) Tert butyl alcohol	3.014	59	346749	776.798	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	234297	147.848	ug/l	86
13) Acrolein	2.246	56	342998	761.710	ug/l	97
14) Allyl chloride	2.660	41	398256	134.087	ug/l #	88
15) Acrylonitrile	3.075	53	826498	749.156	ug/l	98
16) Acetone	2.398	43	626992	732.251	ug/l #	86
17) Carbon Disulfide	2.495	76	672349	147.946	ug/l	99
18) Methyl Acetate	2.715	43	401577	141.922	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	799069	149.614	ug/l	96
20) Methylene Chloride	2.782	84	263597	133.125	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	248694	150.478	ug/l	93
22) Diisopropyl ether	3.770	45	930968	153.495	ug/l #	85
23) Vinyl Acetate	3.727	43	5339506	755.159	ug/l	96
24) 1,1-Dichloroethane	3.605	63	445872	145.760	ug/l	99
25) 2-Butanone	4.574	43	1130327	753.036	ug/l	97
26) 2,2-Dichloropropane	4.471	77	359326	147.451	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	295507	148.133	ug/l	91
28) Bromochloromethane	4.898	49	194608	140.627	ug/l	99
29) Tetrahydrofuran	5.013	42	789818	759.177	ug/l	99
30) Chloroform	5.093	83	440601	149.941	ug/l	96
31) Cyclohexane	5.464	56	425306	147.829	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	370157	150.895	ug/l	99
36) 1,1-Dichloropropene	5.690	75	316758	157.809	ug/l	98
37) Ethyl Acetate	4.727	43	452835	160.151	ug/l	98
38) Carbon Tetrachloride	5.672	117	313432	154.427	ug/l	100
39) Methylcyclohexane	7.379	83	427626	153.881	ug/l	95
40) Benzene	6.038	78	1042303	152.423	ug/l	99

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41) Methacrylonitrile	4.928	41	242994	163.059	ug/l	94
42) 1,2-Dichloroethane	6.086	62	306569	154.126	ug/l	92
43) Isopropyl Acetate	6.348	43	708077	155.207	ug/l	97
44) Trichloroethene	7.123	130	239958	154.959	ug/l	96
45) 1,2-Dichloropropane	7.428	63	259815	154.390	ug/l	99
46) Dibromomethane	7.580	93	173761	151.013	ug/l	96
47) Bromodichloromethane	7.824	83	345616	154.701	ug/l	97
48) Methyl methacrylate	7.696	41	328659	150.286	ug/l	91
49) 1,4-Dioxane	7.671	88	143689	2998.415	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	2247200	775.079	ug/l	98
52) Toluene	8.720	92	637825	154.409	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	391458	160.452	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	421400	157.044	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	251399	154.946	ug/l	96
56) Ethyl methacrylate	9.122	69	470113	160.009	ug/l	95
57) 1,3-Dichloropropane	9.311	76	420952	153.091	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1056845	766.549	ug/l	98
59) 2-Hexanone	9.433	43	1768091	793.584	ug/l	95
60) Dibromochloromethane	9.525	129	273960	160.135	ug/l	100
61) 1,2-Dibromoethane	9.610	107	253486	154.923	ug/l	99
64) Tetrachloroethene	9.275	164	194357	145.318	ug/l	99
65) Chlorobenzene	10.079	112	674609	150.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	225663	149.788	ug/l	98
67) Ethyl Benzene	10.195	91	1176406	151.416	ug/l	98
68) m/p-Xylenes	10.299	106	894711	299.471	ug/l	95
69) o-Xylene	10.640	106	449806	149.865	ug/l	96
70) Styrene	10.653	104	783534	155.704	ug/l	97
71) Bromoform	10.799	173	202324	161.705	ug/l #	100
73) Isopropylbenzene	10.963	105	1145639	146.018	ug/l	97
74) N-amyl acetate	10.842	43	696686	155.897	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	431495	142.873	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	344216m	114.520	ug/l	
77) Bromobenzene	11.201	156	269138	142.787	ug/l	100
78) n-propylbenzene	11.305	91	1342884	150.183	ug/l	100
79) 2-Chlorotoluene	11.366	91	810258	145.599	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	938555	145.211	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	173045	160.121	ug/l #	79
82) 4-Chlorotoluene	11.457	91	932418	150.357	ug/l	99
83) tert-Butylbenzene	11.713	119	970058	145.015	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	954269	146.345	ug/l	95
85) sec-Butylbenzene	11.890	105	1222477	150.546	ug/l	99
86) p-Isopropyltoluene	12.006	119	1014357	152.897	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	514364	151.765	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	516403	148.916	ug/l	99
89) n-Butylbenzene	12.329	91	945111	164.564	ug/l	99
90) Hexachloroethane	12.536	117	205716	154.385	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	497779	145.670	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	94498	159.943	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	317910	165.286	ug/l	96
94) Hexachlorobutadiene	13.725	225	112329	156.503	ug/l	98
95) Naphthalene	13.774	128	1186576	156.207	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	317347	161.316	ug/l	98

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

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