

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041096.D
 Acq On : 16 Apr 2024 11:20
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 17 01:41:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	216891	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	302707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	336605	143.747	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 287.500%#			
35) Dibromofluoromethane	5.385	113	300156	148.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 296.880%#			
50) Toluene-d8	8.647	98	1043550	147.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 294.660%#			
62) 4-Bromofluorobenzene	11.079	95	417512	155.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 310.560%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	243191	141.363	ug/l	98
3) Chloromethane	1.301	50	262680	137.391	ug/l	99
4) Vinyl Chloride	1.374	62	292890	133.657	ug/l	98
5) Bromomethane	1.599	94	176212	128.263	ug/l	97
6) Chloroethane	1.666	64	179434	124.054	ug/l	100
7) Trichlorofluoromethane	1.880	101	388814	113.040	ug/l	98
8) Diethyl Ether	2.136	74	182977	135.560	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	276819	138.444	ug/l #	86
10) Methyl Iodide	2.447	142	309270	147.237	ug/l	89
11) Tert butyl alcohol	2.983	59	332161	725.076	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	265771	138.837	ug/l	84
13) Acrolein	2.239	56	412565	716.100	ug/l	98
14) Allyl chloride	2.660	41	439685	142.022	ug/l #	91
15) Acrylonitrile	3.069	53	814744	718.313	ug/l	99
16) Acetone	2.386	43	641487	651.751	ug/l	93
17) Carbon Disulfide	2.508	76	604377	138.701	ug/l	99
18) Methyl Acetate	2.703	43	357470	145.477	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	877107	148.243	ug/l	99
20) Methylene Chloride	2.788	84	291737	138.909	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	274176	139.629	ug/l	87
22) Diisopropyl ether	3.764	45	859029	144.887	ug/l	86
23) Vinyl Acetate	3.721	43	3983280	741.320	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	491723	141.653	ug/l	97
25) 2-Butanone	4.556	43	1107793	716.348	ug/l	94
26) 2,2-Dichloropropane	4.477	77	414121	150.295	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	337976	142.473	ug/l	88
28) Bromochloromethane	4.904	49	191021	147.199	ug/l #	70
29) Tetrahydrofuran	5.007	42	727777	710.869	ug/l	94
30) Chloroform	5.099	83	522607	138.546	ug/l	98
31) Cyclohexane	5.471	56	406575	140.161	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	475673	143.693	ug/l	97
36) 1,1-Dichloropropene	5.690	75	353730	138.171	ug/l	95
37) Ethyl Acetate	4.715	43	431265	141.061	ug/l	98
38) Carbon Tetrachloride	5.678	117	431728	145.437	ug/l	99
39) Methylcyclohexane	7.379	83	469285	146.088	ug/l	91
40) Benzene	6.038	78	1088125	139.238	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	248310	154.976	ug/l	95
42) 1,2-Dichloroethane	6.086	62	387884	138.515	ug/l	94
43) Isopropyl Acetate	6.342	43	695824	153.266	ug/l	96
44) Trichloroethene	7.123	130	324065	139.616	ug/l	88
45) 1,2-Dichloropropane	7.428	63	271572	146.349	ug/l	99
46) Dibromomethane	7.580	93	211463	144.935	ug/l #	76
47) Bromodichloromethane	7.824	83	425836	149.945	ug/l	98
48) Methyl methacrylate	7.696	41	348002	157.039	ug/l	91
49) 1,4-Dioxane	7.665	88	150269	2901.903	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	2255876	731.444	ug/l	95
52) Toluene	8.720	92	728509	142.805	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	444718	163.264	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	466982	156.048	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	296000	144.512	ug/l	97
56) Ethyl methacrylate	9.116	69	496278	149.767	ug/l	93
57) 1,3-Dichloropropane	9.305	76	478594	143.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1128336	783.280	ug/l	92
59) 2-Hexanone	9.433	43	1772492	742.932	ug/l	93
60) Dibromochloromethane	9.519	129	386084	155.833	ug/l	99
61) 1,2-Dibromoethane	9.610	107	321758	143.808	ug/l	99
64) Tetrachloroethene	9.275	164	311868	136.873	ug/l	90
65) Chlorobenzene	10.080	112	869105	137.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	327747	151.377	ug/l	98
67) Ethyl Benzene	10.195	91	1410868	142.857	ug/l	96
68) m/p-Xylenes	10.299	106	1149108	292.525	ug/l	89
69) o-Xylene	10.640	106	567006	148.280	ug/l	90
70) Styrene	10.653	104	981645	151.185	ug/l	95
71) Bromoform	10.799	173	338222	165.856	ug/l #	99
73) Isopropylbenzene	10.964	105	1451892	142.546	ug/l	96
74) N-amyl acetate	10.842	43	652352	161.454	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	480020	143.624	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	389768m	138.515	ug/l	
77) Bromobenzene	11.195	156	432307	144.573	ug/l	77
78) n-propylbenzene	11.305	91	1638303	143.434	ug/l	94
79) 2-Chlorotoluene	11.366	91	984776	141.429	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	1248308	147.129	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	170091	150.903	ug/l	86
82) 4-Chlorotoluene	11.451	91	1168738	144.158	ug/l	90
83) tert-Butylbenzene	11.713	119	1376222	152.088	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	1256927	148.441	ug/l	92
85) sec-Butylbenzene	11.890	105	1595753	146.971	ug/l	94
86) p-Isopropyltoluene	12.006	119	1435057	148.928	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	808940	143.403	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	820515	137.923	ug/l	95
89) n-Butylbenzene	12.329	91	1254740	153.484	ug/l	96
90) Hexachloroethane	12.536	117	264298	161.975	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	803112	143.468	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	114334	157.718	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	633448	150.565	ug/l	96
94) Hexachlorobutadiene	13.725	225	300118	149.639	ug/l	99
95) Naphthalene	13.774	128	1762418	155.097	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	628416	150.431	ug/l	95

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

