

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082224\
 Data File : VX043089.D
 Acq On : 22 Aug 2024 15:32
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 23 04:23:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:08:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	388971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	710785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	600852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	300132	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	912463	142.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 285.420%#	
35) Dibromofluoromethane	5.385	113	706093	143.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 287.960%#	
50) Toluene-d8	8.647	98	2551056	144.249	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 288.500%#	
62) 4-Bromofluorobenzene	11.079	95	938796	152.516	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 305.040%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	555965	159.745	ug/l	98
3) Chloromethane	1.294	50	704371	135.015	ug/l	99
4) Vinyl Chloride	1.374	62	766736	138.810	ug/l	99
5) Bromomethane	1.593	94	441446	134.060	ug/l	99
7) Trichlorofluoromethane	1.861	101	1231431	131.906	ug/l	99
8) Diethyl Ether	2.136	74	552856	136.957	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.312	101	650663	143.011	ug/l	97
10) Methyl Iodide	2.441	142	669963	139.005	ug/l	93
11) Tert butyl alcohol	3.014	59	974049	735.485	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	640624	140.157	ug/l	91
13) Acrolein	2.239	56	388569	733.538	ug/l	98
14) Allyl chloride	2.660	41	1065026	131.333	ug/l	# 96
15) Acrylonitrile	3.075	53	2185914	703.120	ug/l	99
16) Acetone	2.398	43	1812287	645.878	ug/l	90
17) Carbon Disulfide	2.495	76	1654421	140.439	ug/l	99
18) Methyl Acetate	2.709	43	1200076	134.742	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	2481593	144.269	ug/l	97
20) Methylene Chloride	2.782	84	735908	135.415	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	682735	145.331	ug/l	92
22) Diisopropyl ether	3.770	45	2468180	138.887	ug/l	87
23) Vinyl Acetate	3.727	43	13223263	664.222	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	1326537	140.082	ug/l	99
25) 2-Butanone	4.568	43	3032396	709.490	ug/l	95
26) 2,2-Dichloropropane	4.471	77	1160552	144.739	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	839408	142.825	ug/l	96
28) Bromochloromethane	4.903	49	568664	131.679	ug/l	100
29) Tetrahydrofuran	5.013	42	2007157	708.668	ug/l	94
30) Chloroform	5.092	83	1390946	146.141	ug/l	99
31) Cyclohexane	5.464	56	1146395	143.823	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	1215153	150.739	ug/l	99
36) 1,1-Dichloropropene	5.690	75	941842	151.589	ug/l	99
37) Ethyl Acetate	4.727	43	1236338	140.181	ug/l	99
38) Carbon Tetrachloride	5.672	117	1025825	158.012	ug/l	100
39) Methylcyclohexane	7.379	83	1204778	146.997	ug/l	94
40) Benzene	6.037	78	2929463	144.875	ug/l	100
41) Methacrylonitrile	4.928	41	656008	153.603	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.086	62	1071074	147.721	ug/l	97
43) Isopropyl Acetate	6.348	43	1998065	143.805	ug/l	98
44) Trichloroethene	7.123	130	680829	147.727	ug/l	98
45) 1,2-Dichloropropane	7.427	63	748340	146.800	ug/l	99
46) Dibromomethane	7.580	93	533840	142.984	ug/l	99
47) Bromodichloromethane	7.824	83	1098136	148.960	ug/l	97
48) Methyl methacrylate	7.696	41	922186	149.799	ug/l	91
49) 1,4-Dioxane	7.665	88	392844	3165.940	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	5710694	683.949	ug/l	95
52) Toluene	8.720	92	1818364	148.474	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	1177802	157.344	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	1236804	150.388	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	720444	145.458	ug/l	96
56) Ethyl methacrylate	9.116	69	1294910	151.618	ug/l	96
57) 1,3-Dichloropropane	9.311	76	1229279	142.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	2915666	714.786	ug/l	100
59) 2-Hexanone	9.433	43	4511785	702.952	ug/l	94
60) Dibromochloromethane	9.525	129	845207	154.719	ug/l	100
61) 1,2-Dibromoethane	9.610	107	746983	152.161	ug/l	99
64) Tetrachloroethene	9.275	164	564065	142.879	ug/l	98
65) Chlorobenzene	10.079	112	1927473	146.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	672009	148.264	ug/l	98
67) Ethyl Benzene	10.195	91	3330756	147.066	ug/l	97
68) m/p-Xylenes	10.299	106	2566149	297.673	ug/l	93
69) o-Xylene	10.640	106	1293969	147.846	ug/l	96
70) Styrene	10.659	104	2203907	154.035	ug/l	98
71) Bromoform	10.799	173	592276	158.260	ug/l #	99
73) Isopropylbenzene	10.963	105	3257639	139.003	ug/l	97
74) N-amyl acetate	10.841	43	1805945	145.144	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	1199796	137.792	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	971302m	138.969	ug/l	
77) Bromobenzene	11.201	156	774112	145.941	ug/l	97
78) n-propylbenzene	11.305	91	3757344	142.485	ug/l	99
79) 2-Chlorotoluene	11.366	91	2274874	137.594	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	2709809	142.096	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	463542	153.722	ug/l	86
82) 4-Chlorotoluene	11.457	91	2653269	143.689	ug/l	98
83) tert-Butylbenzene	11.713	119	2828505	142.478	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	2743181	143.559	ug/l	96
85) sec-Butylbenzene	11.890	105	3457754	144.022	ug/l	99
86) p-Isopropyltoluene	12.012	119	2879172	147.709	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	1465125	146.557	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	1461033	145.424	ug/l	99
89) n-Butylbenzene	12.335	91	2740216	159.473	ug/l	100
90) Hexachloroethane	12.536	117	615698	152.116	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	1469277	146.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	294405	155.452	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	910347	166.479	ug/l	97
94) Hexachlorobutadiene	13.725	225	331129	155.466	ug/l	98
95) Naphthalene	13.774	128	3310353	154.819	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	901612	157.069	ug/l	98

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

