

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037748.D
 Acq On : 15 Sep 2023 12:12
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 16 04:31:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:24:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	262725	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	438035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	531286	153.915	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 307.840%#			
35) Dibromofluoromethane	5.385	113	457345	156.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 312.080%#			
50) Toluene-d8	8.653	98	1656904	152.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 304.300%#			
62) 4-Bromofluorobenzene	11.079	95	630756	159.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 318.780%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	375606	135.637	ug/l	99
3) Chloromethane	1.295	50	402305	133.523	ug/l	96
4) Vinyl Chloride	1.374	62	411622	126.632	ug/l	99
5) Bromomethane	1.593	94	292696	125.780	ug/l	98
7) Trichlorofluoromethane	1.874	101	644005	123.236	ug/l	100
8) Diethyl Ether	2.136	74	300756	148.550	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.319	101	367837	138.697	ug/l	95
10) Methyl Iodide	2.447	142	519895	148.131	ug/l	90
11) Tert butyl alcohol	3.002	59	550516	743.015	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	360115	140.500	ug/l	83
13) Acrolein	2.240	56	541129	739.285	ug/l	99
14) Allyl chloride	2.660	41	619215	145.053	ug/l #	94
15) Acrylonitrile	3.069	53	1221652	741.591	ug/l	99
16) Acetone	2.386	43	1191924	717.797	ug/l #	88
17) Carbon Disulfide	2.502	76	933006	145.187	ug/l	99
18) Methyl Acetate	2.703	43	884462	147.651	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	1456794	154.506	ug/l	99
20) Methylene Chloride	2.788	84	468930	152.799	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	416429	146.315	ug/l	88
22) Diisopropyl ether	3.764	45	1358862	152.817	ug/l #	81
23) Vinyl Acetate	3.721	43	5145948	786.773	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	775171	145.476	ug/l	99
25) 2-Butanone	4.562	43	1731723	739.214	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	664520	154.341	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	525910	150.724	ug/l	89
28) Bromochloromethane	4.904	49	356096	143.250	ug/l #	81
29) Tetrahydrofuran	5.007	42	1092933	749.880	ug/l	90
30) Chloroform	5.093	83	852662	148.544	ug/l	99
31) Cyclohexane	5.465	56	614837	138.777	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	712964	146.692	ug/l	97
36) 1,1-Dichloropropene	5.690	75	568413	140.784	ug/l	96
37) Ethyl Acetate	4.715	43	673955	155.482	ug/l	96
38) Carbon Tetrachloride	5.678	117	615127	145.611	ug/l	99
39) Methylcyclohexane	7.379	83	715984	139.724	ug/l	93
40) Benzene	6.038	78	1800784	145.039	ug/l	99
41) Methacrylonitrile	4.922	41	360810	159.424	ug/l #	90

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42) 1,2-Dichloroethane	6.086	62	662480	147.179	ug/l	96
43) Isopropyl Acetate	6.342	43	1121758	158.052	ug/l #	95
44) Trichloroethene	7.123	130	483667	139.884	ug/l	96
45) 1,2-Dichloropropane	7.428	63	478936	148.539	ug/l	98
46) Dibromomethane	7.580	93	361556	155.885	ug/l	92
47) Bromodichloromethane	7.824	83	683574	160.026	ug/l	97
48) Methyl methacrylate	7.696	41	526975	155.319	ug/l #	87
49) 1,4-Dioxane	7.665	88	244461	2748.340	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	3229436	717.171	ug/l	93
52) Toluene	8.720	92	1183363	147.889	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	782980	176.096	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	826500	167.199	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	510179	151.225	ug/l	96
56) Ethyl methacrylate	9.116	69	809455	160.721	ug/l	90
57) 1,3-Dichloropropane	9.311	76	823157	150.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1995088	848.340	ug/l	97
59) 2-Hexanone	9.433	43	2591361	739.109	ug/l	91
60) Dibromochloromethane	9.525	129	569721	169.521	ug/l	100
61) 1,2-Dibromoethane	9.610	107	562964	157.609	ug/l	100
64) Tetrachloroethene	9.275	164	403505	139.624	ug/l	97
65) Chlorobenzene	10.080	112	1310663	143.392	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	506929	156.498	ug/l	99
67) Ethyl Benzene	10.195	91	2272962	143.430	ug/l	97
68) m/p-Xylenes	10.305	106	1788067	291.997	ug/l	94
69) o-Xylene	10.640	106	893537	145.513	ug/l	96
70) Styrene	10.659	104	1508108	152.982	ug/l	96
71) Bromoform	10.799	173	450718	176.360	ug/l #	99
73) Isopropylbenzene	10.964	105	2232931	131.390	ug/l	97
74) N-amyl acetate	10.842	43	1041584	151.334	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	837733	140.161	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	744963m	131.413	ug/l	
77) Bromobenzene	11.201	156	593995	141.212	ug/l	88
78) n-propylbenzene	11.305	91	2596967	135.308	ug/l	98
79) 2-Chlorotoluene	11.366	91	1586951	134.100	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1960033	136.569	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	289409	173.036	ug/l #	84
82) 4-Chlorotoluene	11.457	91	1870977	140.432	ug/l	95
83) tert-Butylbenzene	11.713	119	1976445	136.257	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	1979932	138.655	ug/l	97
85) sec-Butylbenzene	11.890	105	2344795	133.245	ug/l	98
86) p-Isopropyltoluene	12.012	119	2026369	138.430	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	1129782	144.086	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	1152762	144.090	ug/l	98
89) n-Butylbenzene	12.335	91	1888292	147.018	ug/l	98
90) Hexachloroethane	12.536	117	384433	154.754	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	1141006	142.526	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	189565	159.109	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	770058	163.296	ug/l	97
94) Hexachlorobutadiene	13.725	225	310871	141.259	ug/l	98
95) Naphthalene	13.774	128	2479011	155.438	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	767841	158.223	ug/l	97

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

