

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037327.D
 Acq On : 29 Aug 2023 07:58
 Operator : JC/MD
 Sample : 04126-20MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20230821MSD

Quant Time: Aug 29 08:46:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/29/2023
 Supervised By : Semsettin Yesilyurt 08/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85997	64.120	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 128.240%#			
35) Dibromofluoromethane	5.385	113	71987	58.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.340%			
50) Toluene-d8	8.647	98	243087	54.149	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.300%			
62) 4-Bromofluorobenzene	11.079	95	102538	58.121	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	49041	45.381	ug/l	98
3) Chloromethane	1.301	50	67359	71.248	ug/l	98
4) Vinyl Chloride	1.374	62	61130	59.403	ug/l	100
5) Bromomethane	1.599	94	33108	64.588	ug/l	100
6) Chloroethane	1.666	64	36290	59.927	ug/l	97
7) Trichlorofluoromethane	1.874	101	83193	49.352	ug/l	100
8) Diethyl Ether	2.136	74	45243	69.372	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	46343	47.125	ug/l	96
10) Methyl Iodide	2.447	142	79244	66.301	ug/l	95
11) Tert butyl alcohol	2.983	59	108627	345.272	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	53340	55.699	ug/l	83
13) Acrolein	2.233	56	59824	249.954	ug/l	99
14) Allyl chloride	2.660	41	87373	58.945	ug/l #	89
15) Acrylonitrile	3.062	53	202240	360.150	ug/l	99
16) Acetone	2.380	43	176564	336.512	ug/l	90
17) Carbon Disulfide	2.508	76	124350	51.049	ug/l	99
18) Methyl Acetate	2.703	43	113056	57.228	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	248151	68.323	ug/l	96
20) Methylene Chloride	2.788	84	77353	65.924	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	63582	58.406	ug/l	87
22) Diisopropyl ether	3.764	45	199183	65.485	ug/l #	77
23) Vinyl Acetate	3.721	43	631445	270.905	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	121760	63.835	ug/l	97
25) 2-Butanone	4.556	43	268018	339.253	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	51481	30.222	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	88279	68.786	ug/l	83
28) Bromochloromethane	4.897	49	55060	64.619	ug/l #	74
29) Tetrahydrofuran	5.007	42	170150	337.719	ug/l #	82
30) Chloroform	5.093	83	138437	64.655	ug/l	98
31) Cyclohexane	5.464	56	67903	45.027	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	107325	55.935	ug/l	97
36) 1,1-Dichloropropene	5.690	75	79785	45.377	ug/l	98
37) Ethyl Acetate	4.715	43	85487	47.596	ug/l #	92
38) Carbon Tetrachloride	5.672	117	86884	45.489	ug/l	97
39) Methylcyclohexane	7.379	83	73316	39.687	ug/l	91
40) Benzene	6.037	78	280996	55.723	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53918	57.746	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	109921	55.584	ug/l	94
43) Isopropyl Acetate	6.342	43	145714	51.100	ug/l #	91
44) Trichloroethene	7.123	130	418468	292.654	ug/l	96
45) 1,2-Dichloropropane	7.434	63	71946	57.863	ug/l	96
46) Dibromomethane	7.580	93	56837	58.025	ug/l	93
47) Bromodichloromethane	7.824	83	106454	56.740	ug/l	99
48) Methyl methacrylate	7.690	41	79627	57.260	ug/l #	83
49) 1,4-Dioxane	7.665	88	54114	1444.884	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	525833	303.681	ug/l	90
52) Toluene	8.714	92	180117	54.059	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104206	52.164	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112050	51.905	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	83323	61.415	ug/l	98
56) Ethyl methacrylate	9.116	69	128183	60.318	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	136197	59.550	ug/l	99
59) 2-Hexanone	9.433	43	409993	310.542	ug/l	86
60) Dibromochloromethane	9.519	129	87180	60.353	ug/l	100
61) 1,2-Dibromoethane	9.610	107	89370	60.164	ug/l	100
64) Tetrachloroethene	9.275	164	71847	54.011	ug/l	96
65) Chlorobenzene	10.079	112	201877	52.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	78073	54.888	ug/l	98
67) Ethyl Benzene	10.195	91	336850	49.672	ug/l	99
68) m/p-Xylenes	10.299	106	266101	101.611	ug/l	96
69) o-Xylene	10.640	106	138511	53.608	ug/l	97
70) Styrene	10.653	104	235039	55.224	ug/l	97
71) Bromoform	10.799	173	63503	59.685	ug/l #	100
73) Isopropylbenzene	10.963	105	324050	48.062	ug/l	99
74) N-amyl acetate	10.842	43	121276	46.292	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	135240	59.560	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110727m	56.050	ug/l	
77) Bromobenzene	11.195	156	90134	54.738	ug/l	91
78) n-propylbenzene	11.305	91	355055	47.292	ug/l	99
79) 2-Chlorotoluene	11.360	91	247601	51.608	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	284288	50.546	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32720	46.261	ug/l	87
82) 4-Chlorotoluene	11.451	91	278649	50.314	ug/l	98
83) tert-Butylbenzene	11.713	119	280697	52.331	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	294575	51.824	ug/l	97
85) sec-Butylbenzene	11.890	105	311274	49.683	ug/l	99
86) p-Isopropyltoluene	12.006	119	267701	49.635	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	159064	51.596	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	162526	51.027	ug/l	99
89) n-Butylbenzene	12.329	91	203368	45.480	ug/l	98
90) Hexachloroethane	12.536	117	49281	54.744	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	169910	56.283	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	31364	59.446	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	90789	51.398	ug/l	98
94) Hexachlorobutadiene	13.725	225	28253	41.403	ug/l	98
95) Naphthalene	13.774	128	374950	48.459	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	95974	54.689	ug/l	99

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

