

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037987.D
 Acq On : 29 Sep 2023 19:37
 Operator : JC/MD
 Sample : 04656-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106SMS

Quant Time: Sep 29 23:10:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2023
 Supervised By : Mahesh Dadoda 10/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	207927	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	349359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137191	50.219	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.440%			
35) Dibromofluoromethane	5.385	113	123284	52.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	8.653	98	441638	50.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.700%			
62) 4-Bromofluorobenzene	11.079	95	175254	55.527	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	82331	37.567	ug/l	97
3) Chloromethane	1.294	50	105324	44.169	ug/l	97
4) Vinyl Chloride	1.374	62	121481	47.222	ug/l	98
5) Bromomethane	1.599	94	92915	50.451	ug/l	99
6) Chloroethane	1.685	64	87313	49.267	ug/l	96
7) Trichlorofluoromethane	1.886	101	212606	51.406	ug/l	98
8) Diethyl Ether	2.136	74	81741	51.014	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	102462	48.816	ug/l	96
10) Methyl Iodide	2.453	142	128768	46.359	ug/l	92
11) Tert butyl alcohol	2.959	59	116671	198.967	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	104950	51.738	ug/l	84
13) Acrolein	2.233	56	106979	184.672	ug/l	100
14) Allyl chloride	2.666	41	157927	46.745	ug/l #	95
15) Acrylonitrile	3.062	53	309871	237.678	ug/l	99
16) Acetone	2.380	43	246340	187.447	ug/l #	89
17) Carbon Disulfide	2.514	76	254825	50.104	ug/l	99
18) Methyl Acetate	2.703	43	205892	43.430	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	371480	49.782	ug/l	98
20) Methylene Chloride	2.788	84	128084	52.718	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	121727	54.041	ug/l	88
22) Diisopropyl ether	3.764	45	354864	50.425	ug/l #	83
23) Vinyl Acetate	3.721	43	1200396	231.899	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	214099	50.769	ug/l	100
25) 2-Butanone	4.556	43	398874	215.081	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	138564	40.664	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	146654	53.108	ug/l	86
28) Bromochloromethane	4.897	49	88177	44.820	ug/l #	79
29) Tetrahydrofuran	5.001	42	266674	231.177	ug/l	88
30) Chloroform	5.099	83	239693	52.762	ug/l	97
31) Cyclohexane	5.471	56	176426	50.317	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	202196	52.566	ug/l	97
36) 1,1-Dichloropropene	5.696	75	169722	52.707	ug/l	97
37) Ethyl Acetate	4.715	43	152263	43.012	ug/l	96
38) Carbon Tetrachloride	5.678	117	175981	52.231	ug/l	99
39) Methylcyclohexane	7.385	83	202620	49.578	ug/l	89
40) Benzene	6.044	78	511285	51.633	ug/l	99

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41) Methacrylonitrile	4.916	41	86418	47.876	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	182323	50.942	ug/l	96
43) Isopropyl Acetate	6.342	43	254877	45.026	ug/l #	94
44) Trichloroethene	7.129	130	139434	50.562	ug/l	94
45) 1,2-Dichloropropane	7.434	63	130280	50.661	ug/l	100
46) Dibromomethane	7.580	93	98654	53.331	ug/l	93
47) Bromodichloromethane	7.824	83	182592	53.595	ug/l	99
48) Methyl methacrylate	7.696	41	130172	48.105	ug/l #	85
49) 1,4-Dioxane	7.659	88	58270	821.378	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	845825	235.512	ug/l	94
52) Toluene	8.720	92	336382	52.709	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	187774	52.711	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	199649	50.640	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	142224	52.858	ug/l	95
56) Ethyl methacrylate	9.116	69	203543	50.672	ug/l	90
57) 1,3-Dichloropropane	9.311	76	225832	51.867	ug/l	100
59) 2-Hexanone	9.427	43	648524	231.923	ug/l	93
60) Dibromochloromethane	9.525	129	149086	55.620	ug/l	100
61) 1,2-Dibromoethane	9.610	107	153019	53.713	ug/l	99
64) Tetrachloroethene	9.275	164	116794	50.032	ug/l	98
65) Chlorobenzene	10.079	112	376740	51.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	138108	52.784	ug/l	99
67) Ethyl Benzene	10.195	91	668204	52.201	ug/l	99
68) m/p-Xylenes	10.299	106	527358	106.615	ug/l	96
69) o-Xylene	10.640	106	258569	52.130	ug/l	96
70) Styrene	10.653	104	435305	54.666	ug/l	95
71) Bromoform	10.799	173	110450	53.437	ug/l #	99
73) Isopropylbenzene	10.963	105	681676	46.579	ug/l	99
74) N-amyl acetate	10.842	43	241737	40.786	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	230605	44.804	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	200134m	43.378	ug/l	
77) Bromobenzene	11.195	156	174818	48.262	ug/l	86
78) n-propylbenzene	11.305	91	805331	48.726	ug/l	99
79) 2-Chlorotoluene	11.366	91	468874	46.009	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	590169	47.752	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	58150	40.374	ug/l	90
82) 4-Chlorotoluene	11.451	91	554752	48.353	ug/l	95
83) tert-Butylbenzene	11.713	119	587760	47.054	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	595134	48.398	ug/l	97
85) sec-Butylbenzene	11.890	105	743098	49.036	ug/l	99
86) p-Isopropyltoluene	12.006	119	631299	50.001	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	336508	49.836	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	344254	49.823	ug/l	97
89) n-Butylbenzene	12.329	91	575888	52.067	ug/l	97
90) Hexachloroethane	12.536	117	103998	48.615	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	336877	48.865	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45811	44.651	ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	217380	53.530	ug/l	97
94) Hexachlorobutadiene	13.725	225	90470	47.707	ug/l	98
95) Naphthalene	13.774	128	682687	49.708	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	211835	50.690	ug/l	98

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

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