

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037395.D
 Acq On : 30 Aug 2023 17:43
 Operator : JC/MD
 Sample : 04229-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-9.5-082923MSD

Quant Time: Aug 31 02:26:47 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 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90267	48.432	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.860%		
35) Dibromofluoromethane	5.385	113	78726	52.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.620%		
50) Toluene-d8	8.647	98	273713	50.613	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.220%		
62) 4-Bromofluorobenzene	11.079	95	112991	53.166	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	81024	53.954	ug/l	99
3) Chloromethane	1.301	50	78230	59.545	ug/l	98
4) Vinyl Chloride	1.374	62	87806	61.400	ug/l	99
5) Bromomethane	1.599	94	32724	45.939	ug/l	99
6) Chloroethane	1.673	64	44879	53.330	ug/l	99
7) Trichlorofluoromethane	1.880	101	122655	52.360	ug/l	99
8) Diethyl Ether	2.136	74	49126	54.205	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	93662	68.537	ug/l	97
10) Methyl Iodide	2.447	142	79554	47.897	ug/l	93
11) Tert butyl alcohol	2.971	59	112365	257.009	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	69943	52.557	ug/l	85
13) Acrolein	2.233	56	68640	206.375	ug/l	99
14) Allyl chloride	2.660	41	107089	51.989	ug/l #	90
15) Acrylonitrile	3.063	53	231601	296.791	ug/l	99
16) Acetone	2.380	43	190556	261.346	ug/l #	87
17) Carbon Disulfide	2.508	76	162190	47.913	ug/l	98
18) Methyl Acetate	2.703	43	142122	51.769	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	269087	53.314	ug/l	96
20) Methylene Chloride	2.788	84	85804	52.622	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	78334	51.780	ug/l	88
22) Diisopropyl ether	3.764	45	223826	52.953	ug/l #	80
23) Vinyl Acetate	3.721	43	804253	248.295	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	139933	52.792	ug/l	96
25) 2-Butanone	4.556	43	302467	275.507	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	95534	40.358	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	118022	66.176	ug/l	84
28) Bromochloromethane	4.898	49	62033	52.389	ug/l #	74
29) Tetrahydrofuran	5.007	42	193985	277.068	ug/l #	82
30) Chloroform	5.093	83	157547	52.948	ug/l	97
31) Cyclohexane	5.471	56	110066	52.521	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	138348	51.886	ug/l	96
36) 1,1-Dichloropropene	5.696	75	105004	49.575	ug/l	96
37) Ethyl Acetate	4.715	43	108936	50.348	ug/l #	92
38) Carbon Tetrachloride	5.678	117	118031	51.299	ug/l	99
39) Methylcyclohexane	7.379	83	127547	57.315	ug/l	90
40) Benzene	6.038	78	327987	53.992	ug/l	99

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41) Methacrylonitrile	4.922	41	60627	53.901	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	120256	50.480	ug/l	94
43) Isopropyl Acetate	6.342	43	174815	50.891	ug/l #	90
44) Trichloroethene	7.129	130	88396	51.318	ug/l	99
45) 1,2-Dichloropropane	7.434	63	81743	54.574	ug/l	97
46) Dibromomethane	7.580	93	63753	54.029	ug/l	94
47) Bromodichloromethane	7.824	83	120191	53.180	ug/l	97
48) Methyl methacrylate	7.696	41	88302	52.711	ug/l #	82
49) 1,4-Dioxane	7.659	88	50290	1114.674	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	591946	283.789	ug/l	89
52) Toluene	8.720	92	216847	54.027	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	125686	52.229	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	134582	51.752	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	92053	56.323	ug/l	98
56) Ethyl methacrylate	9.116	69	143377	56.007	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	152233	55.254	ug/l	99
59) 2-Hexanone	9.433	43	462805	290.995	ug/l	86
60) Dibromochloromethane	9.519	129	97461	56.009	ug/l	100
61) 1,2-Dibromoethane	9.610	107	100344	56.076	ug/l	99
64) Tetrachloroethene	9.275	164	68570	44.237	ug/l	99
65) Chlorobenzene	10.080	112	237533	52.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	90348	54.510	ug/l	100
67) Ethyl Benzene	10.195	91	413117	52.279	ug/l	99
68) m/p-Xylenes	10.299	106	324991	106.498	ug/l	97
69) o-Xylene	10.640	106	161944	53.789	ug/l	98
70) Styrene	10.653	104	270239	54.490	ug/l	97
71) Bromoform	10.799	173	71787	57.902	ug/l #	99
73) Isopropylbenzene	10.964	105	419963	52.026	ug/l	98
74) N-amyl acetate	10.842	43	152942	48.761	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	154201	56.723	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	124003m	52.429	ug/l	
77) Bromobenzene	11.201	156	104364	52.938	ug/l	91
78) n-propylbenzene	11.305	91	471702	52.478	ug/l	98
79) 2-Chlorotoluene	11.366	91	296895	51.688	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	360024	53.466	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	41760	49.315	ug/l	86
82) 4-Chlorotoluene	11.451	91	339877	51.259	ug/l	98
83) tert-Butylbenzene	11.713	119	374408	58.302	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	364653	53.583	ug/l	97
85) sec-Butylbenzene	11.890	105	440264	58.694	ug/l	99
86) p-Isopropyltoluene	12.012	119	371574	57.544	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	193276	52.365	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	195884	51.368	ug/l	99
89) n-Butylbenzene	12.329	91	308474	57.621	ug/l	99
90) Hexachloroethane	12.536	117	66224	61.446	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	200021	55.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36352	57.549	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	117647	55.631	ug/l	99
94) Hexachlorobutadiene	13.725	225	49844	61.010	ug/l	99
95) Naphthalene	13.774	128	445081	48.046	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	122584	58.344	ug/l	100

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

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