

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023182.D
 Acq On : 07 Jul 2021 19:00
 Operator : JC/MD
 Sample : M2939-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR2-070221MS

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 9:42:19 AM

Quant Time: Jul 08 03:23:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	255197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	415459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	386936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	174783	50.959	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.920%			
35) Dibromofluoromethane	5.397	113	130857	48.775	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.560%			
50) Toluene-d8	8.653	98	484665	48.429	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.860%			
62) 4-Bromofluorobenzene	11.085	95	194271	50.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	125310	54.193	ug/l	99
3) Chloromethane	1.294	50	113565	49.640	ug/l	99
4) Vinyl Chloride	1.374	62	126283	52.107	ug/l	100
5) Bromomethane	1.599	94	55481	44.058	ug/l	98
6) Chloroethane	1.678	64	78673	49.645	ug/l	99
7) Trichlorofluoromethane	1.886	101	207716	49.318	ug/l	99
8) Diethyl Ether	2.142	74	77825	50.064	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	127680	51.802	ug/l	98
10) Methyl Iodide	2.453	142	145602	48.108	ug/l	92
11) Tert butyl alcohol	2.983	59	179418	248.656	ug/l	98
12) 1,1-Dichloroethene	2.318	96	117016	51.439	ug/l	95
13) Acrolein	2.245	56	91224	189.860	ug/l	98
14) Allyl chloride	2.666	41	208613	52.773	ug/l	91
15) Acrylonitrile	3.074	53	369343	263.248	ug/l	98
16) Acetone	2.392	43	343067	252.822	ug/l	90
17) Carbon Disulfide	2.514	76	239406	49.900	ug/l	100
18) Methyl Acetate	2.715	43	163161	49.534	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	448951	52.768	ug/l	100
20) Methylene Chloride	2.794	84	137236	46.974	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	124788	50.792	ug/l	99
22) Diisopropyl ether	3.776	45	432938	51.949	ug/l	94
23) Vinyl Acetate	3.733	43	1807683	256.285	ug/l	96
24) 1,1-Dichloroethane	3.617	63	248021	52.672	ug/l	99
25) 2-Butanone	4.568	43	526344	257.229	ug/l	96
26) 2,2-Dichloropropane	4.489	77	196940	49.830	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	174802	58.741	ug/l	99
28) Bromochloromethane	4.909	49	112987	50.577	ug/l	96
29) Tetrahydrofuran	5.019	42	337428	256.533	ug/l	92
30) Chloroform	5.105	83	265527	52.201	ug/l	97
31) Cyclohexane	5.476	56	199249	48.519	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	238687	53.879	ug/l	100
36) 1,1-Dichloropropene	5.702	75	179646	48.504	ug/l	99
37) Ethyl Acetate	4.727	43	196104	48.537	ug/l	96
38) Carbon Tetrachloride	5.690	117	204438	52.882	ug/l	99
39) Methylcyclohexane	7.385	83	210315	48.552	ug/l	97
40) Benzene	6.050	78	536148	49.860	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	112630	49.865	ug/l	93
42) 1,2-Dichloroethane	6.098	62	220631	51.061	ug/l	94
43) Isopropyl Acetate	6.354	43	326832	48.633	ug/l	95
44) Trichloroethene	7.135	130	161468	52.933	ug/l	98
45) 1,2-Dichloropropane	7.439	63	140922	50.202	ug/l	97
46) Dibromomethane	7.586	93	99443	49.605	ug/l	98
47) Bromodichloromethane	7.830	83	195488	53.409	ug/l	100
48) Methyl methacrylate	7.702	41	166119	50.375	ug/l	90
49) 1,4-Dioxane	7.665	88	78332	1055.453	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1060210	254.589	ug/l	92
52) Toluene	8.726	92	375154	53.908	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	215696	46.800	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	224454	46.739	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	150911	51.640	ug/l	99
56) Ethyl methacrylate	9.122	69	231819	51.335	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	244314	50.580	ug/l	100
59) 2-Hexanone	9.433	43	819934	256.612	ug/l	90
60) Dibromochloromethane	9.524	129	149870	46.182	ug/l	99
61) 1,2-Dibromoethane	9.616	107	155521	51.852	ug/l	99
64) Tetrachloroethene	9.281	164	142707	46.241	ug/l	96
65) Chlorobenzene	10.085	112	387106	50.610	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	149098	53.912	ug/l	100
67) Ethyl Benzene	10.195	91	695657	51.448	ug/l	100
68) m/p-Xylenes	10.305	106	533336	103.313	ug/l	98
69) o-Xylene	10.646	106	266751	51.272	ug/l	100
70) Styrene	10.658	104	448285	52.749	ug/l	98
71) Bromoform	10.805	173	107282	45.990	ug/l #	100
73) Isopropylbenzene	10.969	105	701416	51.291	ug/l	100
74) N-amyl acetate	10.847	43	284218	48.979	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.219	83	226428	52.115	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	207670m	53.162	ug/l	
77) Bromobenzene	11.201	156	172347	50.477	ug/l	98
78) n-propylbenzene	11.305	91	803524	50.814	ug/l	99
79) 2-Chlorotoluene	11.366	91	499172	51.076	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	596689	50.676	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	66634	47.858	ug/l	90
82) 4-Chlorotoluene	11.457	91	568238	51.486	ug/l	100
83) tert-Butylbenzene	11.719	119	590349	52.823	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	597297	51.332	ug/l	99
85) sec-Butylbenzene	11.896	105	744656	51.783	ug/l	100
86) p-Isopropyltoluene	12.012	119	625779	51.875	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	317859	49.577	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	321789	49.845	ug/l	98
89) n-Butylbenzene	12.335	91	532193	50.363	ug/l	98
90) Hexachloroethane	12.542	117	98412	47.829	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	321370	50.387	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53112	49.840	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	196083	49.909	ug/l	98
94) Hexachlorobutadiene	13.731	225	79905	48.034	ug/l	98
95) Naphthalene	13.780	128	706099	48.756	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	199765	50.555	ug/l	99

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

