

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022347.D
 Acq On : 02 Jun 2021 18:36
 Operator : JC/MD
 Sample : M2579-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33S-20210601MS

Manual Integrations
 APPROVED

SAM
 6/3/2021 5:44:39 PM

Quant Time: Jun 03 02:23:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	77679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	158300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66192	55.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.480%
35) Dibromofluoromethane	5.397	113	49064	48.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	8.653	98	192633	49.815	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.085	95	73674	51.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	49887	52.827	ug/l	98
3) Chloromethane	1.295	50	57020	55.977	ug/l	98
4) Vinyl Chloride	1.374	62	56744	52.644	ug/l	95
5) Bromomethane	1.599	94	30151	47.980	ug/l	100
6) Chloroethane	1.679	64	35734	55.677	ug/l	98
7) Trichlorofluoromethane	1.886	101	82009	52.916	ug/l	96
8) Diethyl Ether	2.142	74	32765	49.159	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	48775	53.000	ug/l	89
10) Methyl Iodide	2.453	142	55284	55.899	ug/l	95
11) Tert butyl alcohol	2.977	59	71612	261.296	ug/l	99
12) 1,1-Dichloroethene	2.319	96	49563	55.671	ug/l	98
13) Acrolein	2.239	56	50025	275.212	ug/l	99
14) Allyl chloride	2.666	41	91437	55.919	ug/l	97
15) Acrylonitrile	3.075	53	160084	296.697	ug/l	99
16) Acetone	2.386	43	144741	277.413	ug/l	96
17) Carbon Disulfide	2.514	76	121064	51.919	ug/l	99
18) Methyl Acetate	2.709	43	73403	52.899	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	166217	54.502	ug/l	99
20) Methylene Chloride	2.794	84	60290	52.043	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	56178	58.013	ug/l	99
22) Diisopropyl ether	3.770	45	177113	56.237	ug/l	94
23) Vinyl Acetate	3.733	43	816434	269.241	ug/l	96
24) 1,1-Dichloroethane	3.617	63	103581	56.044	ug/l	99
25) 2-Butanone	4.568	43	248222	294.069	ug/l	91
26) 2,2-Dichloropropane	4.489	77	72004	43.887	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	66175	56.192	ug/l	100
28) Bromochloromethane	4.910	49	49054	54.710	ug/l	82
29) Tetrahydrofuran	5.019	42	147257	293.109	ug/l	91
30) Chloroform	5.105	83	103830	54.372	ug/l	100
31) Cyclohexane	5.477	56	84805	56.320	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	87204	53.441	ug/l	98
36) 1,1-Dichloropropene	5.702	75	80359	54.898	ug/l	96
37) Ethyl Acetate	4.727	43	90615	50.499	ug/l	95
38) Carbon Tetrachloride	5.690	117	72097	50.350	ug/l	99
39) Methylcyclohexane	7.385	83	84717	51.029	ug/l	95
40) Benzene	6.044	78	241938	53.718	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022347.D
 Acq On : 02 Jun 2021 18:36
 Operator : JC/MD
 Sample : M2579-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33S-20210601MS

Manual Integrations
 APPROVED

SAM
 6/3/2021 5:44:39 PM

Quant Time: Jun 03 02:23:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51524	53.674	ug/l	94
42) 1,2-Dichloroethane	6.098	62	84105	53.302	ug/l	99
43) Isopropyl Acetate	6.355	43	153306	52.233	ug/l	93
44) Trichloroethene	7.135	130	59360	53.038	ug/l	93
45) 1,2-Dichloropropane	7.440	63	61723	53.723	ug/l	95
46) Dibromomethane	7.586	93	41722	53.527	ug/l #	86
47) Bromodichloromethane	7.830	83	79087	50.705	ug/l	98
48) Methyl methacrylate	7.696	41	75398	55.742	ug/l	91
49) 1,4-Dioxane	7.665	88	27299	1036.593	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	503623	286.457	ug/l	91
52) Toluene	8.726	92	152568	53.491	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	88656	49.241	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	97107	50.168	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	61569	53.173	ug/l	99
56) Ethyl methacrylate	9.122	69	100410	53.656	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	105836	53.537	ug/l	99
59) 2-Hexanone	9.433	43	388119	293.521	ug/l	90
60) Dibromochloromethane	9.525	129	55628	49.382	ug/l	98
61) 1,2-Dibromoethane	9.616	107	62913	54.571	ug/l	99
64) Tetrachloroethene	9.281	164	46430	47.981	ug/l	92
65) Chlorobenzene	10.086	112	155129	50.561	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	52227	48.987	ug/l	98
67) Ethyl Benzene	10.195	91	290950	51.548	ug/l	98
68) m/p-Xylenes	10.305	106	213746	100.203	ug/l	98
69) o-Xylene	10.646	106	105571	50.886	ug/l	98
70) Styrene	10.659	104	176703	51.991	ug/l	98
71) Bromoform	10.805	173	33585	41.357	ug/l #	100
73) Isopropylbenzene	10.963	105	273628	49.277	ug/l	99
74) N-amyl acetate	10.848	43	137468	52.157	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	98587	53.566	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88021m	54.383	ug/l	
77) Bromobenzene	11.201	156	57221	48.601	ug/l	84
78) n-propylbenzene	11.311	91	327993	50.430	ug/l	98
79) 2-Chlorotoluene	11.366	91	194551	49.318	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	229181	49.799	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	30671	44.899	ug/l	93
82) 4-Chlorotoluene	11.457	91	222532	48.964	ug/l	96
83) tert-Butylbenzene	11.719	119	215152	48.745	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	235751	50.892	ug/l	98
85) sec-Butylbenzene	11.896	105	274137	48.875	ug/l	98
86) p-Isopropyltoluene	12.012	119	230368	48.629	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	110166	48.530	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	112178	47.808	ug/l	96
89) n-Butylbenzene	12.335	91	215934	49.277	ug/l	97
90) Hexachloroethane	12.542	117	35984	45.961	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	109355	50.153	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20818	52.859	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	64355	48.913	ug/l	97
94) Hexachlorobutadiene	13.725	225	20738	40.383	ug/l	95
95) Naphthalene	13.780	128	271285	52.871	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63710	48.038	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
Data File : VX022347.D
Acq On : 02 Jun 2021 18:36
Operator : JC/MD
Sample : M2579-03MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33S-20210601MS

Manual Integrations
APPROVED

SAM
6/3/2021 5:44:39 PM

Quant Time: Jun 03 02:23:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

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

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

