

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024706.D
 Acq On : 09 Oct 2021 06:27
 Operator : JC/MD
 Sample : M4096-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR3-8-100521MS

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:43:32 PM

Quant Time: Oct 11 06:41:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	129104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	204286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	90955	49.987	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.980%		
35) Dibromofluoromethane	5.397	113	68504	50.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.960%		
50) Toluene-d8	8.653	98	244321	48.914	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.820%		
62) 4-Bromofluorobenzene	11.085	95	98291	50.048	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80411	61.898	ug/l	98
3) Chloromethane	1.294	50	65063	53.133	ug/l	99
4) Vinyl Chloride	1.374	62	69529	54.281	ug/l	100
5) Bromomethane	1.599	94	55100	63.913	ug/l	98
6) Chloroethane	1.678	64	41914	49.134	ug/l	98
7) Trichlorofluoromethane	1.886	101	115676	51.175	ug/l	100
8) Diethyl Ether	2.136	74	39164	50.902	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	65345	51.265	ug/l	94
10) Methyl Iodide	2.453	142	78898	44.238	ug/l	92
11) Tert butyl alcohol	2.977	59	86777	202.716	ug/l	98
12) 1,1-Dichloroethene	2.319	96	62005	52.392	ug/l	90
13) Acrolein	2.239	56	31398	316.273	ug/l	96
14) Allyl chloride	2.666	41	103969	48.052	ug/l	89
15) Acrylonitrile	3.068	53	198686	240.358	ug/l	98
16) Acetone	2.386	43	213202	278.881	ug/l #	88
17) Carbon Disulfide	2.514	76	155343	50.915	ug/l	99
18) Methyl Acetate	2.709	43	120411	44.193	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	227340	50.972	ug/l	99
20) Methylene Chloride	2.794	84	72429	53.275	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	70060	52.132	ug/l	93
22) Diisopropyl ether	3.769	45	222589	50.352	ug/l	99
23) Vinyl Acetate	3.727	43	807966	225.708	ug/l	94
24) 1,1-Dichloroethane	3.617	63	126120	51.384	ug/l	99
25) 2-Butanone	4.568	43	331205	264.309	ug/l	92
26) 2,2-Dichloropropane	4.483	77	72283	32.738	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	80225	51.075	ug/l	100
28) Bromochloromethane	4.910	49	56897	51.064	ug/l	95
29) Tetrahydrofuran	5.013	42	191122	239.363	ug/l	91
30) Chloroform	5.105	83	139700	51.536	ug/l	99
31) Cyclohexane	5.476	56	110183	50.571	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	125900	52.314	ug/l	98
36) 1,1-Dichloropropene	5.696	75	101484	51.820	ug/l	99
37) Ethyl Acetate	4.727	43	100891	41.263	ug/l #	94
38) Carbon Tetrachloride	5.684	117	113217	53.109	ug/l	98
39) Methylcyclohexane	7.385	83	116830	50.948	ug/l	96
40) Benzene	6.043	78	289578	51.710	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024706.D
 Acq On : 09 Oct 2021 06:27
 Operator : JC/MD
 Sample : M4096-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR3-8-100521MS

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:43:32 PM

Quant Time: Oct 11 06:41:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	62984	49.881	ug/l	92
42) 1,2-Dichloroethane	6.098	62	121801	51.790	ug/l	94
43) Isopropyl Acetate	6.348	43	171205	46.057	ug/l	93
44) Trichloroethene	7.129	130	80165	52.029	ug/l	99
45) 1,2-Dichloropropane	7.433	63	76020	52.618	ug/l	98
46) Dibromomethane	7.586	93	54634	50.429	ug/l	98
47) Bromodichloromethane	7.830	83	106404	53.590	ug/l	99
48) Methyl methacrylate	7.696	41	101111	54.933	ug/l	86
49) 1,4-Dioxane	7.665	88	35315	837.662	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	680234	277.192	ug/l	90
52) Toluene	8.720	92	189236	52.312	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	111104	49.370	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	113846	49.752	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	79508	53.155	ug/l	99
56) Ethyl methacrylate	9.122	69	110419	46.381	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	129589	51.347	ug/l	100
59) 2-Hexanone	9.433	43	533866	276.244	ug/l	87
60) Dibromochloromethane	9.525	129	84269	49.659	ug/l	100
61) 1,2-Dibromoethane	9.616	107	87041	53.006	ug/l	100
64) Tetrachloroethene	9.275	164	69233	51.316	ug/l	94
65) Chlorobenzene	10.085	112	208562	51.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	80735	53.343	ug/l	99
67) Ethyl Benzene	10.195	91	376285	52.344	ug/l	100
68) m/p-Xylenes	10.305	106	290928	105.538	ug/l	100
69) o-Xylene	10.646	106	137131	50.307	ug/l	97
70) Styrene	10.659	104	227912	50.002	ug/l	96
71) Bromoform	10.805	173	60097	45.771	ug/l #	100
73) Isopropylbenzene	10.963	105	378480	51.875	ug/l	99
74) N-amyl acetate	10.847	43	147887	44.067	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	129609	50.232	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	116834m	49.850	ug/l	
77) Bromobenzene	11.201	156	96564	51.435	ug/l	95
78) n-propylbenzene	11.305	91	432523	50.712	ug/l	99
79) 2-Chlorotoluene	11.366	91	259735	49.992	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	333927	53.576	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	33964	40.331	ug/l	88
82) 4-Chlorotoluene	11.457	91	313468	51.279	ug/l	100
83) tert-Butylbenzene	11.719	119	321136	51.392	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	336949	54.370	ug/l	98
85) sec-Butylbenzene	11.896	105	369085	48.011	ug/l	99
86) p-Isopropyltoluene	12.012	119	348124	53.106	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	174234	48.732	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	176567	47.807	ug/l	99
89) n-Butylbenzene	12.335	91	294491	50.736	ug/l	97
90) Hexachloroethane	12.542	117	54896	50.927	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	173760	49.159	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30130	48.363	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	110823	49.245	ug/l	99
94) Hexachlorobutadiene	13.725	225	46126	44.807	ug/l	100
95) Naphthalene	13.780	128	381538	52.969	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	112138	48.628	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
Data File : VX024706.D
Acq On : 09 Oct 2021 06:27
Operator : JC/MD
Sample : M4096-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MWHR3-8-100521MS

Manual Integrations
APPROVED

MMDadoda
10/13/2021 2:43:32 PM

Quant Time: Oct 11 06:41:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

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

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

