

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021760.D
 Acq On : 20 Apr 2021 17:55
 Operator : JC/MD
 Sample : VX0420WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:49 PM

Quant Time: Apr 21 11:20:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	172424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	288163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	262286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	125856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	98438	50.33	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.66%
35) Dibromofluoromethane	5.464	113	89208	48.41	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.82%
50) Toluene-d8	8.695	98	335241	47.31	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.62%
62) 4-Bromofluorobenzene	11.116	95	121233	45.82	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	30488	18.37	ug/l	98
3) Chloromethane	1.313	50	39527	18.32	ug/l	100
4) Vinyl Chloride	1.392	62	38134	19.24	ug/l	99
5) Bromomethane	1.623	94	20743	23.95	ug/l	98
6) Chloroethane	1.709	64	23608	18.90	ug/l	93
7) Trichlorofluoromethane	1.916	101	51097	19.25	ug/l	100
8) Diethyl Ether	2.166	74	21398	19.56	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	29344	18.44	ug/l	98
10) Methyl Iodide	2.489	142	30049	28.47	ug/l	99
11) Tert butyl alcohol	3.013	59	41196	96.18	ug/l	99
12) 1,1-Dichloroethene	2.355	96	30563	19.20	ug/l	96
13) Acrolein	2.270	56	31541	91.03	ug/l	97
14) Allyl chloride	2.703	41	48847	19.09	ug/l	97
15) Acrylonitrile	3.117	53	86563	99.86	ug/l	100
16) Acetone	2.422	43	67853	100.90	ug/l	96
17) Carbon Disulfide	2.550	76	85332	18.80	ug/l	99
18) Methyl Acetate	2.751	43	36521	20.01	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	106116	19.34	ug/l	99
20) Methylene Chloride	2.831	84	35696	17.71	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	33673	18.42	ug/l	98
22) Diisopropyl ether	3.824	45	99128	19.31	ug/l	97
23) Vinyl Acetate	3.782	43	434386	97.77	ug/l	98
24) 1,1-Dichloroethane	3.666	63	58536	19.22	ug/l	98
25) 2-Butanone	4.629	43	114279	100.36	ug/l	100
26) 2,2-Dichloropropane	4.550	77	52553	17.84	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	40066	19.29	ug/l	95
28) Bromochloromethane	4.977	49	25415	20.10	ug/l	88
29) Tetrahydrofuran	5.092	42	73506	99.21	ug/l	99
30) Chloroform	5.178	83	62000	18.80	ug/l	95
31) Cyclohexane	5.544	56	51271	18.64	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	56325	19.21	ug/l	97
36) 1,1-Dichloropropene	5.763	75	46330	18.21	ug/l	98
37) Ethyl Acetate	4.794	43	45184	18.90	ug/l	99
38) Carbon Tetrachloride	5.751	117	50507	18.13	ug/l	98
39) Methylcyclohexane	7.440	83	57956	17.59	ug/l	93
40) Benzene	6.110	78	140668	18.54	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021760.D
 Acq On : 20 Apr 2021 17:55
 Operator : JC/MD
 Sample : VX0420WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:49 PM

Quant Time: Apr 21 11:20:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	24434	18.16	ug/l	98
42) 1,2-Dichloroethane	6.159	62	46441	18.86	ug/l	97
43) Isopropyl Acetate	6.409	43	78515	18.75	ug/l	100
44) Trichloroethene	7.183	130	40078	18.10	ug/l	99
45) 1,2-Dichloropropane	7.488	63	36675	18.42	ug/l	100
46) Dibromomethane	7.635	93	26253	18.81	ug/l	99
47) Bromodichloromethane	7.872	83	51340	18.04	ug/l	95
48) Methyl methacrylate	7.744	41	38771	19.02	ug/l	97
49) 1,4-Dioxane	7.708	88	17837	372.09	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	228354	95.24	ug/l	98
52) Toluene	8.762	92	90151	18.31	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	56879	17.79	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	62099	18.38	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	37649	18.62	ug/l	98
56) Ethyl methacrylate	9.159	69	56050	18.32	ug/l	98
57) 1,3-Dichloropropane	9.348	76	60872	18.76	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.287	63	144322	96.49	ug/l	98
59) 2-Hexanone	9.470	43	172554	96.02	ug/l	98
60) Dibromochloromethane	9.561	129	45110	18.38	ug/l	100
61) 1,2-Dibromoethane	9.653	107	40282	18.33	ug/l	99
64) Tetrachloroethene	9.317	164	36154	17.63	ug/l	98
65) Chlorobenzene	10.116	112	99184	18.32	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.201	131	39009	18.62	ug/l	98
67) Ethyl Benzene	10.232	91	170928	18.24	ug/l	99
68) m/p-Xylenes	10.341	106	132021	36.40	ug/l	96
69) o-Xylene	10.677	106	64920	18.57	ug/l	95
70) Styrene	10.695	104	107701	18.16	ug/l	98
71) Bromoform	10.835	173	34612	18.24	ug/l #	100
73) Isopropylbenzene	11.000	105	171689	19.44	ug/l	99
74) N-amyl acetate	10.878	43	66667	19.64	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	55768	20.77	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	44845m	17.97	ug/l	
77) Bromobenzene	11.238	156	43549	18.69	ug/l	90
78) n-propylbenzene	11.341	91	185698	19.01	ug/l	98
79) 2-Chlorotoluene	11.402	91	112010	19.49	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	143156	19.14	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	20119	18.54	ug/l	91
82) 4-Chlorotoluene	11.494	91	129017	19.36	ug/l	98
83) tert-Butylbenzene	11.750	119	144416	19.34	ug/l	97
84) 1,2,4-Trimethylbenzene	11.786	105	143720	19.03	ug/l	99
85) sec-Butylbenzene	11.927	105	160257	18.72	ug/l	99
86) p-Isopropyltoluene	12.048	119	148835	18.31	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	75482	18.75	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	74457	18.29	ug/l	97
89) n-Butylbenzene	12.372	91	121568	17.72	ug/l	98
90) Hexachloroethane	12.579	117	28770	19.40	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	74606	19.19	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	11883	19.78	ug/l	96
93) 1,2,4-Trichlorobenzene	13.627	180	47642	17.00	ug/l	100
94) Hexachlorobutadiene	13.762	225	22404	16.25	ug/l	97
95) Naphthalene	13.816	128	162295	19.13	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	47870	17.79	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
Data File : VX021760.D
Acq On : 20 Apr 2021 17:55
Operator : JC/MD
Sample : VX0420WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Manual Integrations
APPROVED

MMDadoda
4/21/2021 4:35:49 PM

Quant Time: Apr 21 11:20:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

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

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

MMDadoda
4/21/2021 4:35:49 PM

[illegible]