

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022110.D
 Acq On : 21 May 2021 13:18
 Operator : JC/MD
 Sample : VX0521WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:50:26 PM

Quant Time: May 22 04:53:34 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	84054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	162476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66355	51.18	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.36%
35) Dibromofluoromethane	5.397	113	50794	49.30	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.60%
50) Toluene-d8	8.653	98	196860	49.60	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.20%
62) 4-Bromofluorobenzene	11.085	95	73557	50.14	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.28%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18559	18.16	ug/l	92
3) Chloromethane	1.294	50	19673	17.85	ug/l	91
4) Vinyl Chloride	1.374	62	21664	18.57	ug/l	95
5) Bromomethane	1.599	94	11998	17.64	ug/l	100
6) Chloroethane	1.685	64	13366	19.25	ug/l	95
7) Trichlorofluoromethane	1.886	101	31155	18.58	ug/l	96
8) Diethyl Ether	2.136	74	13927	19.31	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	18710	18.79	ug/l	93
10) Methyl Iodide	2.453	142	19001	17.76	ug/l	97
11) Tert butyl alcohol	2.977	59	31766	107.12	ug/l	100
12) 1,1-Dichloroethene	2.319	96	18085	18.77	ug/l	98
13) Acrolein	2.239	56	17198	87.44	ug/l	97
14) Allyl chloride	2.666	41	33396	18.87	ug/l	96
15) Acrylonitrile	3.075	53	59591	102.07	ug/l	99
16) Acetone	2.386	43	55772	98.79	ug/l	95
17) Carbon Disulfide	2.508	76	42637	16.90	ug/l	100
18) Methyl Acetate	2.709	43	29555	19.68	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	63520	19.25	ug/l	97
20) Methylene Chloride	2.794	84	22578	18.01	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	19801	18.90	ug/l	97
22) Diisopropyl ether	3.769	45	64208	18.84	ug/l	96
23) Vinyl Acetate	3.727	43	316149	96.35	ug/l	96
24) 1,1-Dichloroethane	3.617	63	37517	18.76	ug/l	98
25) 2-Butanone	4.568	43	90965	99.59	ug/l	96
26) 2,2-Dichloropropane	4.483	77	32693	18.42	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	23751	18.64	ug/l	97
28) Bromochloromethane	4.910	49	18809	19.39	ug/l	84
29) Tetrahydrofuran	5.019	42	54106	99.53	ug/l	91
30) Chloroform	5.099	83	38569	18.67	ug/l	100
31) Cyclohexane	5.476	56	29545	18.13	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	32506	18.41	ug/l	96
36) 1,1-Dichloropropene	5.702	75	28238	18.80	ug/l	98
37) Ethyl Acetate	4.721	43	36832	20.00	ug/l	95
38) Carbon Tetrachloride	5.690	117	27556	18.75	ug/l	99
39) Methylcyclohexane	7.385	83	30940	18.16	ug/l	95
40) Benzene	6.050	78	86347	18.68	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022110.D
 Acq On : 21 May 2021 13:18
 Operator : JC/MD
 Sample : VX0521WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:50:26 PM

Quant Time: May 22 04:53:34 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	4.934	41	19226	19.51	ug/l	94
42) 1,2-Dichloroethane	6.092	62	31366	19.37	ug/l	98
43) Isopropyl Acetate	6.348	43	57987	19.25	ug/l	95
44) Trichloroethene	7.129	130	21496	18.71	ug/l	94
45) 1,2-Dichloropropane	7.440	63	23019	19.52	ug/l	98
46) Dibromomethane	7.586	93	15144	18.93	ug/l	88
47) Bromodichloromethane	7.830	83	29719	18.56	ug/l	99
48) Methyl methacrylate	7.702	41	26613	19.17	ug/l	91
49) 1,4-Dioxane	7.671	88	11652	431.08	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	182265	101.01	ug/l	93
52) Toluene	8.720	92	54000	18.45	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	34814	18.84	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	36636	18.44	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	22736	19.13	ug/l	97
56) Ethyl methacrylate	9.122	69	37131	19.33	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	39295	19.37	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	95519	91.95	ug/l	99
59) 2-Hexanone	9.433	43	139557	102.83	ug/l	91
60) Dibromochloromethane	9.525	129	21174	18.31	ug/l	94
61) 1,2-Dibromoethane	9.616	107	23184	19.59	ug/l	99
64) Tetrachloroethene	9.281	164	19294	19.75	ug/l	92
65) Chlorobenzene	10.085	112	58207	18.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	20604	19.15	ug/l	98
67) Ethyl Benzene	10.195	91	104799	18.40	ug/l	100
68) m/p-Xylenes	10.305	106	79081	36.73	ug/l	99
69) o-Xylene	10.646	106	38913	18.58	ug/l	100
70) Styrene	10.659	104	65141	18.99	ug/l	99
71) Bromoform	10.805	173	13824	17.70	ug/l #	98
73) Isopropylbenzene	10.963	105	102236	18.41	ug/l	100
74) N-amyl acetate	10.847	43	49558	18.80	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	34967	18.99	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	32930m	20.34	ug/l	
77) Bromobenzene	11.201	156	22060	18.73	ug/l	89
78) n-propylbenzene	11.305	91	120816	18.57	ug/l	98
79) 2-Chlorotoluene	11.366	91	71763	18.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86139	18.71	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	11969	17.52	ug/l	99
82) 4-Chlorotoluene	11.457	91	81831	18.00	ug/l	99
83) tert-Butylbenzene	11.719	119	81512	18.46	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	86794	18.73	ug/l	99
85) sec-Butylbenzene	11.896	105	103351	18.42	ug/l	99
86) p-Isopropyltoluene	12.012	119	89588	18.91	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41280	18.18	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	42599	18.15	ug/l	95
89) n-Butylbenzene	12.335	91	80353	18.33	ug/l	98
90) Hexachloroethane	12.542	117	13907	17.76	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	41328	18.95	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7728	19.62	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	25261	19.19	ug/l	98
94) Hexachlorobutadiene	13.731	225	9801	19.08	ug/l	96
95) Naphthalene	13.780	128	101271	19.73	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25278	19.05	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
Data File : VX022110.D
Acq On : 21 May 2021 13:18
Operator : JC/MD
Sample : VX0521WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0521WBSD01

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:50:26 PM

Quant Time: May 22 04:53:34 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

