

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023026.D
 Acq On : 30 Jun 2021 12:12
 Operator : JC/MD
 Sample : VX0630WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:55:45 PM

Quant Time: Jul 01 03:25:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	66651	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	131481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61151	50.556	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.120%	
35) Dibromofluoromethane	5.391	113	42024	50.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.660%	
50) Toluene-d8	8.653	98	156026	47.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	11.085	95	58510	47.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	15908	16.917	ug/l	98
3) Chloromethane	1.295	50	17582	17.027	ug/l	99
4) Vinyl Chloride	1.374	62	17140	17.988	ug/l	93
5) Bromomethane	1.599	94	9309	17.734	ug/l	100
6) Chloroethane	1.685	64	10567	17.944	ug/l	95
7) Trichlorofluoromethane	1.886	101	25412	18.358	ug/l	99
8) Diethyl Ether	2.136	74	10397	19.460	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	16780	19.362	ug/l	90
10) Methyl Iodide	2.453	142	15529	17.624	ug/l	91
11) Tert butyl alcohol	2.977	59	26819	106.386	ug/l	99
12) 1,1-Dichloroethene	2.319	96	15654	18.104	ug/l	91
13) Acrolein	2.240	56	13391	85.408	ug/l	99
14) Allyl chloride	2.666	41	30970	18.852	ug/l	# 92
15) Acrylonitrile	3.069	53	56836	98.625	ug/l	95
16) Acetone	2.386	43	51424	95.898	ug/l	93
17) Carbon Disulfide	2.514	76	33473	16.724	ug/l	99
18) Methyl Acetate	2.709	43	26491	20.074	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	61817	19.936	ug/l	99
20) Methylene Chloride	2.788	84	19777	18.829	ug/l	85
21) trans-1,2-Dichloroethene	3.099	96	17240	17.972	ug/l	98
22) Diisopropyl ether	3.770	45	67413	19.728	ug/l	# 95
23) Vinyl Acetate	3.727	43	291964	101.853	ug/l	95
24) 1,1-Dichloroethane	3.611	63	34159	18.712	ug/l	96
25) 2-Butanone	4.568	43	82081	98.432	ug/l	93
26) 2,2-Dichloropropane	4.483	77	25673	18.532	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	20106	18.886	ug/l	92
28) Bromochloromethane	4.904	49	17766	20.657	ug/l	# 74
29) Tetrahydrofuran	5.019	42	54012	100.699	ug/l	88
30) Chloroform	5.105	83	34029	18.532	ug/l	91
31) Cyclohexane	5.483	56	31141	18.236	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	27376	18.556	ug/l	94
36) 1,1-Dichloropropene	5.702	75	25115	17.984	ug/l	96
37) Ethyl Acetate	4.727	43	31402	19.412	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	22334	19.067	ug/l	97
39) Methylcyclohexane	7.385	83	29862	18.331	ug/l	90
40) Benzene	6.044	78	75577	18.768	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023026.D
 Acq On : 30 Jun 2021 12:12
 Operator : JC/MD
 Sample : VX0630WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:55:45 PM

Quant Time: Jul 01 03:25:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	17410	19.535	ug/l	91
42) 1,2-Dichloroethane	6.099	62	30478	20.571	ug/l	95
43) Isopropyl Acetate	6.349	43	53307	20.496	ug/l #	91
44) Trichloroethene	7.129	130	16878	17.673	ug/l	82
45) 1,2-Dichloropropane	7.434	63	19970	19.226	ug/l	95
46) Dibromomethane	7.586	93	13329	19.343	ug/l #	81
47) Bromodichloromethane	7.824	83	25253	19.911	ug/l #	98
48) Methyl methacrylate	7.702	41	24587	20.426	ug/l #	82
49) 1,4-Dioxane	7.665	88	9865	380.722	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	166485	102.852	ug/l	88
52) Toluene	8.720	92	45506	18.693	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	27109	18.826	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	29317	18.323	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	19328	19.789	ug/l	96
56) Ethyl methacrylate	9.122	69	31785	19.295	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	34225	19.277	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	82667	95.534	ug/l	92
59) 2-Hexanone	9.433	43	126308	102.856	ug/l	85
60) Dibromochloromethane	9.525	129	14568	17.766	ug/l	96
61) 1,2-Dibromoethane	9.610	107	18561	18.712	ug/l	99
64) Tetrachloroethene	9.275	164	14395	17.423	ug/l #	86
65) Chlorobenzene	10.080	112	45488	18.372	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	15365	19.203	ug/l	96
67) Ethyl Benzene	10.195	91	85683	18.793	ug/l	98
68) m/p-Xylenes	10.305	106	62774	37.076	ug/l	92
69) o-Xylene	10.647	106	30514	18.517	ug/l	89
70) Styrene	10.659	104	52871	19.330	ug/l	97
71) Bromoform	10.805	173	8161	17.514	ug/l #	98
73) Isopropylbenzene	10.964	105	83112	19.698	ug/l	99
74) N-amyl acetate	10.848	43	43377	19.520	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	29489	20.349	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	26851m	20.386	ug/l	
77) Bromobenzene	11.201	156	17081	19.468	ug/l	83
78) n-propylbenzene	11.305	91	99494	19.489	ug/l	97
79) 2-Chlorotoluene	11.366	91	60020	19.472	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	68485	19.767	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	6960	18.927	ug/l #	73
82) 4-Chlorotoluene	11.457	91	69165	19.416	ug/l	94
83) tert-Butylbenzene	11.720	119	62304	19.042	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	69159	19.833	ug/l	96
85) sec-Butylbenzene	11.896	105	85552	19.389	ug/l	97
86) p-Isopropyltoluene	12.012	119	67954	19.381	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	32564	19.237	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	32556	18.393	ug/l	94
89) n-Butylbenzene	12.335	91	63631	19.087	ug/l	97
90) Hexachloroethane	12.543	117	9684	17.535	ug/l	67
91) 1,2-Dichlorobenzene	12.335	146	32203	19.492	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5446	18.620	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	17247	18.822	ug/l	96
94) Hexachlorobutadiene	13.725	225	6652	18.527	ug/l	96
95) Naphthalene	13.780	128	70097	18.504	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	17690	19.167	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
Data File : VX023026.D
Acq On : 30 Jun 2021 12:12
Operator : JC/MD
Sample : VX0630WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBSD01

Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:55:45 PM

Quant Time: Jul 01 03:25:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

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

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

