

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022916.D
 Acq On : 25 Jun 2021 12:31
 Operator : JC/MD
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 12:01:19 PM

Quant Time: Jun 26 03:52:32 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	60880	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	116008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	108200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52489	47.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.020%
35) Dibromofluoromethane	5.397	113	36237	49.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	8.653	98	143807	49.809	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.085	95	52850	49.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	15901	18.512	ug/l	98
3) Chloromethane	1.294	50	15670	16.614	ug/l	97
4) Vinyl Chloride	1.374	62	15524	17.836	ug/l	97
5) Bromomethane	1.605	94	8681	18.105	ug/l	94
6) Chloroethane	1.691	64	9462	17.591	ug/l	98
7) Trichlorofluoromethane	1.892	101	22687	17.943	ug/l	94
8) Diethyl Ether	2.136	74	9443	19.350	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	15520	19.605	ug/l	# 87
10) Methyl Iodide	2.459	142	11954	15.463	ug/l	# 88
11) Tert butyl alcohol	2.971	59	21048	91.408	ug/l	98
12) 1,1-Dichloroethene	2.325	96	13653	17.286	ug/l	95
13) Acrolein	2.239	56	14222	99.306	ug/l	100
14) Allyl chloride	2.666	41	25698	17.126	ug/l	# 91
15) Acrylonitrile	3.068	53	52498	99.733	ug/l	98
16) Acetone	2.386	43	45826	93.559	ug/l	95
17) Carbon Disulfide	2.514	76	29709	16.350	ug/l	# 95
18) Methyl Acetate	2.709	43	23260	19.296	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	54063	19.088	ug/l	98
20) Methylene Chloride	2.794	84	17597	18.352	ug/l	# 86
21) trans-1,2-Dichloroethene	3.099	96	15188	17.334	ug/l	98
22) Diisopropyl ether	3.770	45	58583	18.769	ug/l	# 97
23) Vinyl Acetate	3.733	43	252562	96.460	ug/l	96
24) 1,1-Dichloroethane	3.617	63	30304	18.173	ug/l	99
25) 2-Butanone	4.568	43	74532	97.852	ug/l	90
26) 2,2-Dichloropropane	4.483	77	22409	17.709	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	17702	18.204	ug/l	93
28) Bromochloromethane	4.904	49	14793	18.831	ug/l	# 76
29) Tetrahydrofuran	5.019	42	48869	99.747	ug/l	87
30) Chloroform	5.105	83	30151	17.976	ug/l	100
31) Cyclohexane	5.477	56	27885	17.877	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	24636	18.281	ug/l	95
36) 1,1-Dichloropropene	5.702	75	22102	17.937	ug/l	98
37) Ethyl Acetate	4.721	43	29543	20.698	ug/l	# 94
38) Carbon Tetrachloride	5.690	117	19459	18.828	ug/l	98
39) Methylcyclohexane	7.385	83	26637	18.532	ug/l	89
40) Benzene	6.044	78	67499	18.997	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022916.D
 Acq On : 25 Jun 2021 12:31
 Operator : JC/MD
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 12:01:19 PM

Quant Time: Jun 26 03:52:32 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	15275	19.426	ug/l	90
42) 1,2-Dichloroethane	6.098	62	25638	19.612	ug/l	99
43) Isopropyl Acetate	6.348	43	45315	19.747	ug/l #	91
44) Trichloroethene	7.129	130	16005	18.995	ug/l	96
45) 1,2-Dichloropropane	7.440	63	17938	19.573	ug/l	90
46) Dibromomethane	7.586	93	11482	18.885	ug/l #	84
47) Bromodichloromethane	7.824	83	20147	18.285	ug/l	99
48) Methyl methacrylate	7.696	41	21570	20.310	ug/l	88
49) 1,4-Dioxane	7.665	88	9148	400.140	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	147149	103.032	ug/l	89
52) Toluene	8.726	92	39983	18.615	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	22087	17.665	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	25471	18.082	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	17138	19.887	ug/l	94
56) Ethyl methacrylate	9.122	69	26628	18.451	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	30585	19.525	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	74186	97.079	ug/l	95
59) 2-Hexanone	9.433	43	113212	104.488	ug/l	87
60) Dibromochloromethane	9.525	129	13255	18.207	ug/l	99
61) 1,2-Dibromoethane	9.616	107	17431	19.916	ug/l	96
64) Tetrachloroethene	9.275	164	13983	18.390	ug/l #	88
65) Chlorobenzene	10.079	112	42925	18.838	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	13503	18.337	ug/l	97
67) Ethyl Benzene	10.195	91	77181	18.394	ug/l	99
68) m/p-Xylenes	10.305	106	58270	37.396	ug/l	93
69) o-Xylene	10.646	106	28165	18.572	ug/l	96
70) Styrene	10.659	104	47505	18.872	ug/l	97
71) Bromoform	10.805	173	7375	17.281	ug/l #	100
73) Isopropylbenzene	10.963	105	73854	18.061	ug/l	99
74) N-amyl acetate	10.848	43	37688	17.713	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.219	83	26613	18.949	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	24689m	19.342	ug/l	
77) Bromobenzene	11.201	156	15377	18.084	ug/l	83
78) n-propylbenzene	11.305	91	91452	18.484	ug/l	96
79) 2-Chlorotoluene	11.366	91	53843	18.024	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	62556	18.631	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	6183	17.892	ug/l #	74
82) 4-Chlorotoluene	11.457	91	62423	18.082	ug/l	96
83) tert-Butylbenzene	11.719	119	57159	18.026	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	62728	18.562	ug/l	98
85) sec-Butylbenzene	11.896	105	79590	18.612	ug/l	98
86) p-Isopropyltoluene	12.012	119	61927	18.224	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	30753	18.746	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	31346	18.274	ug/l	95
89) n-Butylbenzene	12.335	91	59856	18.526	ug/l	97
90) Hexachloroethane	12.542	117	8404	16.090	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	31233	19.507	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4758	17.177	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	17144	19.306	ug/l	93
94) Hexachlorobutadiene	13.725	225	6553	18.832	ug/l	96
95) Naphthalene	13.780	128	68891	18.738	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17284	19.323	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
Data File : VX022916.D
Acq On : 25 Jun 2021 12:31
Operator : JC/MD
Sample : VX0625WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBSD01

Manual Integrations
APPROVED

MMDadoda
6/28/2021 12:01:19 PM

Quant Time: Jun 26 03:52:32 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

