

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008745.D
 Acq On : 08 Apr 2019 15:14
 Operator : JC/SP
 Sample : VX0408MBS01
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:49:57 PM

Quant Time: Apr 09 07:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	255885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113257	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	123413	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	91500	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	8.71	98	356609	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.13	95	123554	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	30531	15.175	ug/l	99
3) Chloromethane	1.33	50	42333	16.021	ug/l	98
4) Vinyl Chloride	1.41	62	43065	15.834	ug/l	98
5) Bromomethane	1.64	94	21267	17.160	ug/l	99
6) Chloroethane	1.71	64	28454	17.168	ug/l	97
7) Trichlorofluoromethane	1.93	101	51123	17.004	ug/l	100
8) Diethyl Ether	2.19	74	24894	17.460	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30169	15.586	ug/l	97
10) Methyl Iodide	2.51	142	23338	16.182	ug/l	99
11) Tert butyl alcohol	3.06	59	58446	97.926	ug/l	100
12) 1,1-Dichloroethene	2.37	96	32822	16.243	ug/l	95
13) Acrolein	2.29	56	39810	134.519	ug/l	100
14) Allyl chloride	2.73	41	80415	17.384	ug/l	98
15) Acrylonitrile	3.15	53	145763	92.190	ug/l	99
16) Acetone	2.45	43	130279	88.725	ug/l	99
17) Carbon Disulfide	2.57	76	93140	15.451	ug/l	99
18) Methyl Acetate	2.78	43	67015	18.818	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	130633	18.102	ug/l	98
20) Methylene Chloride	2.85	84	40659	16.543	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	37047	16.950	ug/l	94
22) Diisopropyl ether	3.86	45	160866	18.043	ug/l	96
23) Vinyl Acetate	3.82	43	709740	91.506	ug/l	99
24) 1,1-Dichloroethane	3.70	63	78059	17.683	ug/l	97
25) 2-Butanone	4.68	43	218373	94.095	ug/l	99
26) 2,2-Dichloropropane	4.59	77	50113	16.118	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	43700	17.390	ug/l	99
28) Bromochloromethane	5.02	49	41935	20.986	ug/l	99
29) Tetrahydrofuran	5.13	42	145090	94.193	ug/l	99
30) Chloroform	5.21	83	70327	17.837	ug/l	100
31) Cyclohexane	5.58	56	73152	16.608	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	56432	17.712	ug/l	99
36) 1,1-Dichloropropene	5.81	75	52450	16.138	ug/l	99
37) Ethyl Acetate	4.84	43	80320	18.515	ug/l	98
38) Carbon Tetrachloride	5.79	117	46268	17.200	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008745.D
 Acq On : 08 Apr 2019 15:14
 Operator : JC/SP
 Sample : VX0408MBS01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:49:57 PM

Quant Time: Apr 09 07:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62130	15.475	ug/l	98
40) Benzene	6.15	78	165470	17.090	ug/l	99
41) Methacrylonitrile	5.05	41	44857	17.989	ug/l	98
42) 1,2-Dichloroethane	6.20	62	59376	17.106	ug/l	100
43) Isopropyl Acetate	6.45	43	122939	18.091	ug/l	100
44) Trichloroethene	7.21	130	37762	16.746	ug/l	100
45) 1,2-Dichloropropane	7.51	63	47248	17.097	ug/l	99
46) Dibromomethane	7.66	93	26729	16.676	ug/l	99
47) Bromodichloromethane	7.90	83	52506	17.374	ug/l	99
48) Methyl methacrylate	7.77	41	61019	17.751	ug/l	99
49) 1,4-Dioxane	7.74	88	23156	359.589	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	410799	93.905	ug/l	100
52) Toluene	8.79	92	96502	16.906	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57671	17.036	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	65831	17.019	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	41341	18.043	ug/l	99
56) Ethyl methacrylate	9.18	69	73604	17.754	ug/l	98
57) 1,3-Dichloropropane	9.37	76	72758	17.684	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	208467	98.479	ug/l	99
59) 2-Hexanone	9.49	43	313221	92.131	ug/l	99
60) Dibromochloromethane	9.59	129	38225	17.704	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41199	17.272	ug/l	97
64) Tetrachloroethene	9.34	164	33228	17.527	ug/l	98
65) Chlorobenzene	10.14	112	96371	16.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35549	17.865	ug/l	100
67) Ethyl Benzene	10.25	91	177860	16.816	ug/l	100
68) m/p-Xylenes	10.36	106	127568	33.545	ug/l	99
69) o-Xylene	10.70	106	62201	16.877	ug/l	100
70) Styrene	10.71	104	108023	17.004	ug/l	99
71) Bromoform	10.86	173	27194	17.893	ug/l #	98
73) Isopropylbenzene	11.02	105	166966	17.789	ug/l	100
74) N-amyl acetate	10.90	43	100389	18.179	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66756	18.701	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	64919m	20.866	ug/l	
77) Bromobenzene	11.26	156	40089	17.767	ug/l	100
78) n-propylbenzene	11.36	91	186727	17.086	ug/l	100
79) 2-Chlorotoluene	11.42	91	113726	17.196	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	139607	17.720	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20542	18.200	ug/l	95
82) 4-Chlorotoluene	11.51	91	128961	16.846	ug/l	98
83) tert-Butylbenzene	11.77	119	136105	17.956	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	141175	17.696	ug/l	99
85) sec-Butylbenzene	11.94	105	156801	17.415	ug/l	100
86) p-Isopropyltoluene	12.07	119	139131	17.217	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	68148	16.871	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	68074	16.642	ug/l	98
89) n-Butylbenzene	12.39	91	123974	16.358	ug/l	100
90) Hexachloroethane	12.60	117	23539	17.562	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	69442	17.314	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14607	18.602	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
Data File : VX008745.D
Acq On : 08 Apr 2019 15:14
Operator : JC/SP
Sample : VX0408MBS01
Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0408MBS01

Manual Integrations
APPROVED

MMDadoda
4/9/2019 1:49:57 PM

Quant Time: Apr 09 07:14:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46402	16.640	ug/l	99
94) Hexachlorobutadiene	13.78	225	22521	16.840	ug/l	99
95) Naphthalene	13.83	128	167965	18.022	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47210	16.944	ug/l	99

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

