

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008991.D
 Acq On : 16 Apr 2019 16:38
 Operator : JC/SP
 Sample : VX0416MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:58:57 AM

Quant Time: Apr 17 05:41:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	216627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150705	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	145349	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
35) Dibromofluoromethane	5.50	113	105783	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
50) Toluene-d8	8.71	98	435873	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	11.13	95	156880	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	49719	19.926	ug/l	100
3) Chloromethane	1.32	50	65613	21.420	ug/l	99
4) Vinyl Chloride	1.41	62	59260	19.876	ug/l	96
5) Bromomethane	1.64	94	32942	20.135	ug/l	96
6) Chloroethane	1.72	64	35164	20.057	ug/l	99
7) Trichlorofluoromethane	1.93	101	65054	18.689	ug/l	98
8) Diethyl Ether	2.18	74	29534	18.552	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40936	18.393	ug/l	98
10) Methyl Iodide	2.51	142	41225	19.860	ug/l	99
11) Tert butyl alcohol	3.04	59	66669	98.381	ug/l	100
12) 1,1-Dichloroethene	2.37	96	41316	17.785	ug/l	99
13) Acrolein	2.29	56	50094	85.554	ug/l	100
14) Allyl chloride	2.73	41	94472	18.640	ug/l	99
15) Acrylonitrile	3.14	53	160886	93.526	ug/l	99
16) Acetone	2.44	43	143344	90.543	ug/l	99
17) Carbon Disulfide	2.57	76	112910	17.378	ug/l	98
18) Methyl Acetate	2.77	43	71982	18.218	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	159802	19.306	ug/l	100
20) Methylene Chloride	2.86	84	50815	18.769	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	44203	17.839	ug/l	93
22) Diisopropyl ether	3.85	45	191924	19.488	ug/l	98
23) Vinyl Acetate	3.81	43	842590	97.328	ug/l	98
24) 1,1-Dichloroethane	3.70	63	93162	18.844	ug/l	100
25) 2-Butanone	4.67	43	245579	97.045	ug/l	98
26) 2,2-Dichloropropane	4.58	77	61741	16.661	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	52597	18.696	ug/l	99
28) Bromochloromethane	5.02	49	45309	20.944	ug/l	98
29) Tetrahydrofuran	5.13	42	162228	95.780	ug/l	99
30) Chloroform	5.21	83	84232	19.040	ug/l	98
31) Cyclohexane	5.58	56	91989	18.918	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	68742	18.748	ug/l	99
36) 1,1-Dichloropropene	5.80	75	65749	18.125	ug/l	99
37) Ethyl Acetate	4.83	43	91613	19.627	ug/l	100
38) Carbon Tetrachloride	5.78	117	55198	17.949	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008991.D
 Acq On : 16 Apr 2019 16:38
 Operator : JC/SP
 Sample : VX0416MBS01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0416MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:58:57 AM

Quant Time: Apr 17 05:41:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81570	18.469	ug/l	98
40) Benzene	6.14	78	204714	19.130	ug/l	100
41) Methacrylonitrile	5.04	41	51720	19.306	ug/l	99
42) 1,2-Dichloroethane	6.19	62	72031	19.001	ug/l	100
43) Isopropyl Acetate	6.44	43	147064	19.551	ug/l	99
44) Trichloroethene	7.21	130	48436	18.472	ug/l	100
45) 1,2-Dichloropropane	7.51	63	57612	19.405	ug/l	95
46) Dibromomethane	7.66	93	32127	18.594	ug/l	99
47) Bromodichloromethane	7.90	83	60632	17.892	ug/l	99
48) Methyl methacrylate	7.77	41	73747	19.842	ug/l	99
49) 1,4-Dioxane	7.74	88	27854	400.392	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	487375	101.702	ug/l	99
52) Toluene	8.78	92	124294	19.380	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	70110	17.976	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	79582	18.223	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	50168	19.736	ug/l	97
56) Ethyl methacrylate	9.18	69	92166	20.221	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86260	19.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	241986	98.593	ug/l	100
59) 2-Hexanone	9.49	43	375954	101.755	ug/l	99
60) Dibromochloromethane	9.58	129	44219	18.151	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50416	19.217	ug/l	98
64) Tetrachloroethene	9.34	164	44416	18.395	ug/l	98
65) Chlorobenzene	10.13	112	126259	18.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	43591	18.444	ug/l	99
67) Ethyl Benzene	10.25	91	234329	19.107	ug/l	100
68) m/p-Xylenes	10.35	106	168090	37.713	ug/l	98
69) o-Xylene	10.69	106	82646	19.057	ug/l	98
70) Styrene	10.71	104	143517	19.097	ug/l	99
71) Bromoform	10.85	173	31356	16.653	ug/l #	96
73) Isopropylbenzene	11.02	105	222090	19.442	ug/l	100
74) N-amyl acetate	10.90	43	131373	20.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	79881	19.139	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	70297m	19.103	ug/l	
77) Bromobenzene	11.26	156	54096	18.769	ug/l	99
78) n-propylbenzene	11.36	91	255420	19.481	ug/l	100
79) 2-Chlorotoluene	11.42	91	151504	19.176	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	184522	19.249	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23842	16.633	ug/l	89
82) 4-Chlorotoluene	11.51	91	174620	19.030	ug/l	100
83) tert-Butylbenzene	11.77	119	176890	19.220	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	188497	19.318	ug/l	100
85) sec-Butylbenzene	11.94	105	213209	19.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	194156	19.239	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	95066	18.846	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94876	18.554	ug/l	99
89) n-Butylbenzene	12.38	91	176026	18.729	ug/l	99
90) Hexachloroethane	12.59	117	29501	17.722	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	95117	19.095	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16892	17.775	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041619\
Data File : VX008991.D
Acq On : 16 Apr 2019 16:38
Operator : JC/SP
Sample : VX0416MBS01
Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416MBS01

Manual Integrations
APPROVED

MMDadoda
4/17/2019 9:58:57 AM

Quant Time: Apr 17 05:41:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65531	18.224	uq/l	100
94) Hexachlorobutadiene	13.78	225	33384	18.615	uq/l	99
95) Naphthalene	13.83	128	218866	18.998	uq/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65439	18.445	uq/l	99

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

