

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004500.D
 Acq On : 12 Sep 2018 17:42
 Operator : JC/MD
 Sample : VX0912MBSD02
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0912MBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 10:58:58 AM

Quant Time: Sep 13 03:27:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	386553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215915	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176029	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	5.51	113	152487	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
50) Toluene-d8	8.72	98	594782	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.14	95	214513	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	52192	21.02	ug/l	97
3) Chloromethane	1.32	50	69667	20.39	ug/l	100
4) Vinyl Chloride	1.40	62	73849	21.06	ug/l	97
5) Bromomethane	1.64	94	36419	24.19	ug/l	98
6) Chloroethane	1.71	64	45402	20.02	ug/l	97
7) Trichlorofluoromethane	1.92	101	94986	20.43	ug/l	96
8) Diethyl Ether	2.19	74	44500	21.35	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	61316	20.79	ug/l	99
10) Methyl Iodide	2.51	142	61580	20.24	ug/l	99
11) Tert butyl alcohol	3.07	59	91527	112.30	ug/l	100
12) 1,1-Dichloroethene	2.37	96	58038	20.97	ug/l	99
13) Acrolein	2.29	56	33674	104.67	ug/l	97
14) Allyl chloride	2.73	41	116568	20.48	ug/l	95
15) Acrylonitrile	3.15	53	214376	109.23	ug/l	99
16) Acetone	2.45	43	167248	100.32	ug/l	97
17) Carbon Disulfide	2.57	76	159081	19.88	ug/l	99
18) Methyl Acetate	2.78	43	98165	20.99	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	207667	21.38	ug/l	98
20) Methylene Chloride	2.85	84	68749	20.10	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	63714	20.83	ug/l	98
22) Diisopropyl ether	3.87	45	215398	21.02	ug/l	98
23) Vinyl Acetate	3.82	43	943754	113.79	ug/l	97
24) 1,1-Dichloroethane	3.70	63	123806	21.40	ug/l	98
25) 2-Butanone	4.71	43	258005	97.24	ug/l	96
26) 2,2-Dichloropropane	4.58	77	76048	19.14	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	68546	20.08	ug/l	99
28) Bromochloromethane	5.02	49	56664	21.41	ug/l	96
29) Tetrahydrofuran	5.17	42	169922	106.20	ug/l	97
30) Chloroform	5.22	83	111589	19.75	ug/l	98
31) Cyclohexane	5.57	56	101666	20.58	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	92884	20.41	ug/l	99
36) 1,1-Dichloropropene	5.80	75	84005	17.90	ug/l	99
37) Ethyl Acetate	4.86	43	95513	17.89	ug/l	99
38) Carbon Tetrachloride	5.79	117	79421	17.33	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004500.D
 Acq On : 12 Sep 2018 17:42
 Operator : JC/MD
 Sample : VX0912MBSD02
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0912MBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 10:58:58 AM

Quant Time: Sep 13 03:27:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99333	20.28	ug/l	96
40) Benzene	6.14	78	261402	18.77	ug/l	98
41) Methacrylonitrile	5.06	41	53513	18.20	ug/l	99
42) 1,2-Dichloroethane	6.20	62	86309	18.69	ug/l	99
43) Isopropyl Acetate	6.47	43	142273	20.07	ug/l	100
44) Trichloroethene	7.21	130	73782	20.40	ug/l	98
45) 1,2-Dichloropropane	7.52	63	67501	20.15	ug/l	100
46) Dibromomethane	7.66	93	43032	20.33	ug/l	98
47) Bromodichloromethane	7.90	83	77275	19.30	ug/l	98
48) Methyl methacrylate	7.78	41	72918	20.78	ug/l	97
49) 1,4-Dioxane	7.76	88	36322	437.41	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	486484	97.24	ug/l	98
52) Toluene	8.79	92	162846	19.85	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	87362	18.68	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	98048	20.57	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	66845	18.92	ug/l	97
56) Ethyl methacrylate	9.18	69	97588	19.53	ug/l	98
57) 1,3-Dichloropropane	9.37	76	109790	19.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	253678	104.01	ug/l	96
59) 2-Hexanone	9.50	43	374046	97.47	ug/l	98
60) Dibromochloromethane	9.59	129	62050	18.66	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68701	20.36	ug/l	99
64) Tetrachloroethene	9.34	164	85783	18.78	ug/l	97
65) Chlorobenzene	10.14	112	181238	19.94	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	61114	19.50	ug/l	99
67) Ethyl Benzene	10.26	91	301738	20.42	ug/l	98
68) m/p-Xylenes	10.36	106	239084	42.00	ug/l	98
69) o-Xylene	10.70	106	114207	20.87	ug/l	99
70) Styrene	10.71	104	190019	20.96	ug/l	99
71) Bromoform	10.86	173	46654	18.13	ug/l #	97
73) Isopropylbenzene	11.02	105	308438	21.69	ug/l	100
74) N-amyl acetate	10.90	43	125377	20.95	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	92727	20.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89784m	20.67	ug/l	
77) Bromobenzene	11.26	156	80963	20.60	ug/l	97
78) n-propylbenzene	11.36	91	355792	21.76	ug/l	99
79) 2-Chlorotoluene	11.42	91	210469	21.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	258493	21.62	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	27373	20.09	ug/l	98
82) 4-Chlorotoluene	11.51	91	245241	21.19	ug/l	100
83) tert-Butylbenzene	11.77	119	239757	21.07	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	272589	22.33	ug/l	99
85) sec-Butylbenzene	11.95	105	311421	21.47	ug/l	99
86) p-Isopropyltoluene	12.07	119	277903	21.70	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	150571	20.53	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151539	20.00	ug/l	99
89) n-Butylbenzene	12.39	91	238322	20.42	ug/l	98
90) Hexachloroethane	12.60	117	39300	19.17	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	151072	20.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20572	21.01	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
Data File : VX004500.D
Acq On : 12 Sep 2018 17:42
Operator : JC/MD
Sample : VX0912MBSD02
Misc : 5.00µL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0912MBSD02

Manual Integrations
APPROVED

MMDadoda
9/13/2018 10:58:58 AM

Quant Time: Sep 13 03:27:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107956	20.54	ug/l	98
94) Hexachlorobutadiene	13.79	225	53040	19.32	ug/l	98
95) Naphthalene	13.83	128	320949	21.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110459	20.46	ug/l	99

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

