

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004701.D
 Acq On : 19 Sep 2018 13:12
 Operator : JC/MD
 Sample : VX0919MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0919MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2018 1:42:36 PM

Quant Time: Sep 19 17:09:04 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	5.66	168	121139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	152532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	76530	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	60397	38.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.34%	
35) Dibromofluoromethane	5.50	113	57994	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	
50) Toluene-d8	8.71	98	207961	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.14	95	70722	42.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	23333	20.55	ug/l	91
3) Chloromethane	1.32	50	26807	17.16	ug/l	93
4) Vinyl Chloride	1.40	62	28773	17.94	ug/l	97
5) Bromomethane	1.64	94	13593	19.52	ug/l	92
6) Chloroethane	1.71	64	17417	16.80	ug/l	92
7) Trichlorofluoromethane	1.92	101	39778	18.71	ug/l	91
8) Diethyl Ether	2.19	74	17447	18.31	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27647	20.50	ug/l	93
10) Methyl Iodide	2.51	142	21342	16.37	ug/l	96
11) Tert butyl alcohol	3.07	59	53106	142.49	ug/l	100
12) 1,1-Dichloroethene	2.37	96	24753	19.56	ug/l	96
13) Acrolein	2.29	56	14130	96.04	ug/l	100
14) Allyl chloride	2.72	41	50073	19.24	ug/l	92
15) Acrylonitrile	3.15	53	123212	137.28	ug/l	98
16) Acetone	2.45	43	101142	132.67	ug/l	100
17) Carbon Disulfide	2.57	76	58872	16.09	ug/l	100
18) Methyl Acetate	2.78	43	59063	27.61	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	85276	19.20	ug/l	98
20) Methylene Chloride	2.85	84	26484	16.93	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	25274	18.07	ug/l	95
22) Diisopropyl ether	3.87	45	84688	18.07	ug/l	94
23) Vinyl Acetate	3.82	43	353873	93.30	ug/l	99
24) 1,1-Dichloroethane	3.69	63	47769	18.05	ug/l	99
25) 2-Butanone	4.70	43	153139	126.22	ug/l	100
26) 2,2-Dichloropropane	4.58	77	37196	20.47	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	29150	18.67	ug/l	99
28) Bromochloromethane	5.01	49	19598	16.19	ug/l	97
29) Tetrahydrofuran	5.16	42	101944	139.32	ug/l	97
30) Chloroform	5.22	83	47144	18.25	ug/l	97
31) Cyclohexane	5.57	56	48150	21.31	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	40084	19.27	ug/l	97
36) 1,1-Dichloropropene	5.80	75	36280	19.59	ug/l	98
37) Ethyl Acetate	4.85	43	49790	23.64	ug/l	98
38) Carbon Tetrachloride	5.78	117	33893	18.74	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004701.D
 Acq On : 19 Sep 2018 13:12
 Operator : JC/MD
 Sample : VX0919MBSD01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0919MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2018 1:42:36 PM

Quant Time: Sep 19 17:09:04 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	45057	23.32	ug/l	96
40) Benzene	6.14	78	101861	18.54	ug/l	100
41) Methacrylonitrile	5.06	41	28403	24.48	ug/l	98
42) 1,2-Dichloroethane	6.20	62	31785	17.44	ug/l	99
43) Isopropyl Acetate	6.46	43	60888	21.77	ug/l	99
44) Trichloroethene	7.21	130	29574	20.72	ug/l	98
45) 1,2-Dichloropropane	7.52	63	25687	19.43	ug/l	99
46) Dibromomethane	7.66	93	15412	18.45	ug/l	96
47) Bromodichloromethane	7.90	83	27739	17.56	ug/l	100
48) Methyl methacrylate	7.77	41	29679	21.44	ug/l	97
49) 1,4-Dioxane	7.76	88	20732	632.72	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	227855	115.42	ug/l	99
52) Toluene	8.79	92	61939	19.13	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	29244	15.85	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	34319	18.25	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	25017	17.95	ug/l	98
56) Ethyl methacrylate	9.18	69	36300	18.41	ug/l	97
57) 1,3-Dichloropropane	9.37	76	41124	18.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	89388	93.66	ug/l	97
59) 2-Hexanone	9.49	43	184339	121.74	ug/l	99
60) Dibromochloromethane	9.59	129	22181	16.90	ug/l	97
61) 1,2-Dibromoethane	9.67	107	25284	18.99	ug/l	100
64) Tetrachloroethene	9.34	164	35733	21.09	ug/l	98
65) Chlorobenzene	10.14	112	65828	19.53	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	22974	19.76	ug/l	99
67) Ethyl Benzene	10.25	91	113716	20.74	ug/l	96
68) m/p-Xylenes	10.36	106	88316	41.82	ug/l	99
69) o-Xylene	10.70	106	43476	21.42	ug/l	98
70) Styrene	10.71	104	66689	19.83	ug/l	99
71) Bromoform	10.86	173	17406	18.23	ug/l #	99
73) Isopropylbenzene	11.02	105	141985	28.17	ug/l	96
74) N-amyl acetate	10.90	43	47084	22.19	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	35330	21.73	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	39680m	25.77	ug/l	
77) Bromobenzene	11.26	156	29862	21.44	ug/l	98
78) n-propylbenzene	11.36	91	134509	23.21	ug/l	99
79) 2-Chlorotoluene	11.42	91	77978	22.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	98223	23.18	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	10680	22.11	ug/l	95
82) 4-Chlorotoluene	11.51	91	87784	21.40	ug/l	100
83) tert-Butylbenzene	11.77	119	97786	24.24	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	99030	22.89	ug/l	99
85) sec-Butylbenzene	11.94	105	130313	25.35	ug/l	99
86) p-Isopropyltoluene	12.07	119	113760	25.06	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	53642	20.64	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	52909	19.70	ug/l	98
89) n-Butylbenzene	12.39	91	99980	24.17	ug/l	98
90) Hexachloroethane	12.60	117	15494	21.32	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	55275	21.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10023	28.87	ug/l	81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
Data File : VX004701.D
Acq On : 19 Sep 2018 13:12
Operator : JC/MD
Sample : VX0919MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0919MBSD01

Manual Integrations
APPROVED

MMDadoda
9/20/2018 1:42:36 PM

Quant Time: Sep 19 17:09:04 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	36637	19.67	ug/l	99
94) Hexachlorobutadiene	13.79	225	25973	26.69	ug/l	97
95) Naphthalene	13.83	128	135435	25.92	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	39223	20.50	ug/l	99

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

