

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004383.D
 Acq On : 06 Sep 2018 14:25
 Operator : JC/MD
 Sample : VX0906MBS01
 Misc : 5.0µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:55 PM

Quant Time: Sep 07 05:30:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	359101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	520786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	490128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	224177	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.50	113	195343	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	719802	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.14	95	273422	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	62015	14.91	ug/l	98
3) Chloromethane	1.32	50	70466	15.53	ug/l	98
4) Vinyl Chloride	1.40	62	82916	17.62	ug/l	99
5) Bromomethane	1.63	94	42865	17.15	ug/l	100
6) Chloroethane	1.71	64	60193	17.35	ug/l	96
7) Trichlorofluoromethane	1.92	101	118262	18.34	ug/l	95
8) Diethyl Ether	2.18	74	54314	19.67	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75825	18.78	ug/l	99
10) Methyl Iodide	2.51	142	72339	18.78	ug/l	99
11) Tert butyl alcohol	3.07	59	109302	109.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	69855	18.36	ug/l	97
13) Acrolein	2.29	56	18132	75.38	ug/l	93
14) Allyl chloride	2.72	41	135041	19.32	ug/l	98
15) Acrylonitrile	3.15	53	251254	101.69	ug/l	100
16) Acetone	2.45	43	212963	106.84	ug/l	99
17) Carbon Disulfide	2.56	76	167153	16.37	ug/l	100
18) Methyl Acetate	2.78	43	179302	25.82	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	253443	20.22	ug/l	98
20) Methylene Chloride	2.85	84	84423	18.74	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	75661	17.97	ug/l	97
22) Diisopropyl ether	3.87	45	256648	19.67	ug/l	100
23) Vinyl Acetate	3.82	43	965529	91.29	ug/l	99
24) 1,1-Dichloroethane	3.69	63	148862	19.57	ug/l	100
25) 2-Butanone	4.71	43	330310	103.66	ug/l	100
26) 2,2-Dichloropropane	4.58	77	112852	18.92	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	89929	18.83	ug/l	100
28) Bromochloromethane	5.01	49	70287	20.87	ug/l	99
29) Tetrahydrofuran	5.16	42	205235	102.06	ug/l	100
30) Chloroform	5.21	83	146256	19.18	ug/l	99
31) Cyclohexane	5.57	56	119497	18.21	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	121900	19.17	ug/l	99
36) 1,1-Dichloropropene	5.80	75	105207	17.97	ug/l	98
37) Ethyl Acetate	4.86	43	112198	19.49	ug/l	99
38) Carbon Tetrachloride	5.78	117	103115	18.72	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004383.D
 Acq On : 06 Sep 2018 14:25
 Operator : JC/MD
 Sample : VX0906MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0906MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 1:42:55 PM

Quant Time: Sep 07 05:30:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121845	18.23	ug/l	98
40) Benzene	6.14	78	332685	19.02	ug/l	98
41) Methacrylonitrile	5.06	41	66928	20.05	ug/l	98
42) 1,2-Dichloroethane	6.20	62	114054	19.11	ug/l	99
43) Isopropyl Acetate	6.46	43	175215	19.80	ug/l	99
44) Trichloroethene	7.21	130	90732	18.74	ug/l	100
45) 1,2-Dichloropropane	7.52	63	84514	19.30	ug/l	98
46) Dibromomethane	7.66	93	54563	18.72	ug/l	97
47) Bromodichloromethane	7.90	83	105182	19.39	ug/l	98
48) Methyl methacrylate	7.78	41	93526	19.75	ug/l	98
49) 1,4-Dioxane	7.76	88	45869	426.73	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	622404	96.82	ug/l	100
52) Toluene	8.79	92	211328	19.30	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	115648	19.30	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	128189	19.64	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	88720	20.07	ug/l	98
56) Ethyl methacrylate	9.18	69	120259	19.98	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147157	19.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	314541	102.01	ug/l	100
59) 2-Hexanone	9.50	43	474149	96.68	ug/l	100
60) Dibromochloromethane	9.59	129	83468	19.38	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88522	19.35	ug/l	100
64) Tetrachloroethene	9.34	164	95894	19.81	ug/l	98
65) Chlorobenzene	10.14	112	233988	19.02	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	80506	18.98	ug/l	100
67) Ethyl Benzene	10.26	91	378142	18.93	ug/l	98
68) m/p-Xylenes	10.36	106	303978	38.91	ug/l	99
69) o-Xylene	10.70	106	144692	19.58	ug/l	99
70) Styrene	10.71	104	240307	20.09	ug/l	99
71) Bromoform	10.86	173	64427	18.84	ug/l	99
73) Isopropylbenzene	11.02	105	399032	21.02	ug/l	99
74) N-amyl acetate	10.90	43	146148	19.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	132647	19.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	123214m	20.96	ug/l	
77) Bromobenzene	11.26	156	108513	20.37	ug/l	100
78) n-propylbenzene	11.36	91	456008	20.88	ug/l	100
79) 2-Chlorotoluene	11.42	91	271876	20.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	324772	20.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	35364	19.51	ug/l	97
82) 4-Chlorotoluene	11.51	91	316633	20.02	ug/l	98
83) tert-Butylbenzene	11.77	119	330096	20.87	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	343859	21.30	ug/l	100
85) sec-Butylbenzene	11.94	105	407579	21.70	ug/l	100
86) p-Isopropyltoluene	12.07	119	354214	21.04	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200091	19.95	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	198375	18.76	ug/l	99
89) n-Butylbenzene	12.39	91	272719	19.92	ug/l	98
90) Hexachloroethane	12.60	117	46178	19.63	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	182415	19.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23815	20.35	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
Data File : VX004383.D
Acq On : 06 Sep 2018 14:25
Operator : JC/MD
Sample : VX0906MBS01
Misc : 5.00µL/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Manual Integrations
APPROVED

MMDadoda
9/7/2018 1:42:55 PM

Quant Time: Sep 07 05:30:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138655	20.79	ug/l	99
94) Hexachlorobutadiene	13.79	225	72665	23.35	ug/l	97
95) Naphthalene	13.83	128	421132	22.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149809	21.22	ug/l	99

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

