

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004369.D
 Acq On : 05 Sep 2018 14:02
 Operator : JC/MD
 Sample : VX0905MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0905MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 12:48:37 PM

Quant Time: Sep 06 01:24:34 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	5.67	168	314372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200328	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.50	113	171938	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.71	98	652988	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.14	95	246297	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66938	18.38	ug/l	96
3) Chloromethane	1.32	50	76603	19.21	ug/l	99
4) Vinyl Chloride	1.40	62	79243	19.24	ug/l	99
5) Bromomethane	1.64	94	38933	17.87	ug/l	99
6) Chloroethane	1.72	64	55621	18.30	ug/l	99
7) Trichlorofluoromethane	1.93	101	108495	19.22	ug/l	96
8) Diethyl Ether	2.18	74	50954	21.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	68344	19.33	ug/l	99
10) Methyl Iodide	2.51	142	67524	19.75	ug/l	98
11) Tert butyl alcohol	3.07	59	86052	98.52	ug/l	99
12) 1,1-Dichloroethene	2.37	96	64251	19.29	ug/l	97
13) Acrolein	2.29	56	21257	100.95	ug/l	97
14) Allyl chloride	2.73	41	125332	20.48	ug/l	97
15) Acrylonitrile	3.15	53	223714	103.43	ug/l	99
16) Acetone	2.45	43	191648	110.06	ug/l	99
17) Carbon Disulfide	2.57	76	144451	16.17	ug/l	99
18) Methyl Acetate	2.78	43	161273	26.52	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	235319	21.44	ug/l	98
20) Methylene Chloride	2.85	84	81984	20.79	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	68661	18.63	ug/l	99
22) Diisopropyl ether	3.87	45	243423	21.31	ug/l	99
23) Vinyl Acetate	3.82	43	896626	96.83	ug/l	99
24) 1,1-Dichloroethane	3.69	63	136917	20.56	ug/l	100
25) 2-Butanone	4.70	43	293731	105.34	ug/l	98
26) 2,2-Dichloropropane	4.58	77	105086	20.12	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	83928	20.07	ug/l	99
28) Bromochloromethane	5.01	49	60929	20.67	ug/l	97
29) Tetrahydrofuran	5.16	42	183790	104.40	ug/l	99
30) Chloroform	5.21	83	136190	20.40	ug/l	97
31) Cyclohexane	5.57	56	112310	19.55	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	110628	19.87	ug/l	99
36) 1,1-Dichloropropene	5.79	75	98486	19.05	ug/l	99
37) Ethyl Acetate	4.86	43	103528	20.37	ug/l	100
38) Carbon Tetrachloride	5.78	117	92428	19.01	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004369.D
 Acq On : 05 Sep 2018 14:02
 Operator : JC/MD
 Sample : VX0905MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0905MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 12:48:37 PM

Quant Time: Sep 06 01:24:34 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	112802	19.11	ug/l	97
40) Benzene	6.14	78	312663	20.24	ug/l	100
41) Methacrylonitrile	5.06	41	61421	20.85	ug/l	99
42) 1,2-Dichloroethane	6.20	62	105595	20.04	ug/l	100
43) Isopropyl Acetate	6.46	43	162176	20.76	ug/l	99
44) Trichloroethene	7.21	130	83306	19.49	ug/l	99
45) 1,2-Dichloropropane	7.52	63	81305	21.03	ug/l	97
46) Dibromomethane	7.66	93	50911	19.78	ug/l	99
47) Bromodichloromethane	7.90	83	92747	19.37	ug/l	100
48) Methyl methacrylate	7.78	41	85271	20.40	ug/l	99
49) 1,4-Dioxane	7.76	88	35360	372.62	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	565890	99.71	ug/l	100
52) Toluene	8.79	92	197110	20.39	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	106110	20.06	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	117476	20.39	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	82000	21.01	ug/l	99
56) Ethyl methacrylate	9.18	69	112682	21.21	ug/l	98
57) 1,3-Dichloropropane	9.37	76	136937	20.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	283933	104.30	ug/l	100
59) 2-Hexanone	9.50	43	431877	99.75	ug/l	99
60) Dibromochloromethane	9.59	129	73221	19.26	ug/l	99
61) 1,2-Dibromoethane	9.67	107	81954	20.29	ug/l	100
64) Tetrachloroethene	9.34	164	87715	21.08	ug/l	100
65) Chlorobenzene	10.14	112	208427	19.72	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	73371	20.12	ug/l	96
67) Ethyl Benzene	10.25	91	347079	20.22	ug/l	95
68) m/p-Xylenes	10.36	106	272990	40.67	ug/l	96
69) o-Xylene	10.70	106	137946	21.73	ug/l	99
70) Styrene	10.71	104	225735	21.96	ug/l	99
71) Bromoform	10.86	173	55312	18.82	ug/l #	99
73) Isopropylbenzene	11.02	105	376072	22.54	ug/l	100
74) N-amyl acetate	10.90	43	135379	21.07	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120894	20.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	111099m	21.50	ug/l	
77) Bromobenzene	11.26	156	100508	21.47	ug/l	98
78) n-propylbenzene	11.36	91	429257	22.36	ug/l	100
79) 2-Chlorotoluene	11.42	91	257009	21.75	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	312993	22.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31707	19.91	ug/l	97
82) 4-Chlorotoluene	11.51	91	296741	21.35	ug/l	99
83) tert-Butylbenzene	11.77	119	309057	22.23	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	322581	22.74	ug/l	100
85) sec-Butylbenzene	11.94	105	385225	23.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	343187	23.20	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	184451	20.93	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181220	19.50	ug/l	97
89) n-Butylbenzene	12.39	91	251698	20.92	ug/l	99
90) Hexachloroethane	12.60	117	42782	20.69	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	161464	20.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20654	20.08	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
Data File : VX004369.D
Acq On : 05 Sep 2018 14:02
Operator : JC/MD
Sample : VX0905MBSD01
Misc : 5.00µL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0905MBSD01

Manual Integrations
APPROVED

MMDadoda
9/6/2018 12:48:37 PM

Quant Time: Sep 06 01:24:34 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	133762	22.82	ug/l	99
94) Hexachlorobutadiene	13.79	225	68171	24.93	ug/l	95
95) Naphthalene	13.83	128	403341	24.33	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	142344	22.94	ug/l	98

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

