

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120318\
 Data File : VX006248.D
 Acq On : 03 Dec 2018 12:57
 Operator : JC/MD
 Sample : VX1203MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:43 AM

Quant Time: Dec 04 05:48:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	788303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1166120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1040110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	534734	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	352997	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
35) Dibromofluoromethane	5.51	113	337715	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
50) Toluene-d8	8.71	98	1205298	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
62) 4-Bromofluorobenzene	11.13	95	447334	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160457	20.788	ug/l	100
3) Chloromethane	1.33	50	149757	18.880	ug/l	99
4) Vinyl Chloride	1.41	62	169789	19.889	ug/l	99
5) Bromomethane	1.64	94	114639	19.377	ug/l	97
6) Chloroethane	1.73	64	107166	20.474	ug/l	100
7) Trichlorofluoromethane	1.93	101	262971	20.068	ug/l	98
8) Diethyl Ether	2.19	74	98384	19.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	148910	19.985	ug/l	99
10) Methyl Iodide	2.51	142	219686	19.564	ug/l	99
11) Tert butyl alcohol	3.07	59	207527	94.298	ug/l	98
12) 1,1-Dichloroethene	2.38	96	139435	19.548	ug/l	96
13) Acrolein	2.29	56	100105	83.223	ug/l	100
14) Allyl chloride	2.73	41	274034	19.448	ug/l	99
15) Acrylonitrile	3.15	53	446538	97.233	ug/l	99
16) Acetone	2.45	43	371615	98.401	ug/l	98
17) Carbon Disulfide	2.57	76	416881	18.966	ug/l	100
18) Methyl Acetate	2.78	43	257611	20.397	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	502225	19.737	ug/l	99
20) Methylene Chloride	2.86	84	154114	19.175	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	147665	19.426	ug/l	97
22) Diisopropyl ether	3.87	45	438480	19.923	ug/l	98
23) Vinyl Acetate	3.82	43	1866986	99.457	ug/l	100
24) 1,1-Dichloroethane	3.70	63	249600	19.841	ug/l	98
25) 2-Butanone	4.70	43	519485	96.405	ug/l	99
26) 2,2-Dichloropropane	4.58	77	222462	19.162	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	170340	20.090	ug/l	97
28) Bromochloromethane	5.03	49	103908	18.910	ug/l	98
29) Tetrahydrofuran	5.15	42	357819	95.544	ug/l	99
30) Chloroform	5.21	83	263664	19.945	ug/l	98
31) Cyclohexane	5.58	56	227581	19.576	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	244769	19.460	ug/l	98
36) 1,1-Dichloropropene	5.81	75	191477	19.499	ug/l	99
37) Ethyl Acetate	4.85	43	210337	19.127	ug/l	99
38) Carbon Tetrachloride	5.78	117	229813	19.893	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120318\
 Data File : VX006248.D
 Acq On : 03 Dec 2018 12:57
 Operator : JC/MD
 Sample : VX1203MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:43 AM

Quant Time: Dec 04 05:48:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247989	19.455	ug/l	98
40) Benzene	6.15	78	582800	19.815	ug/l	98
41) Methacrylonitrile	5.06	41	113773	18.802	ug/l	99
42) 1,2-Dichloroethane	6.20	62	192981	20.048	ug/l	100
43) Isopropyl Acetate	6.46	43	345786	18.859	ug/l	100
44) Trichloroethene	7.21	130	175587	19.707	ug/l	94
45) 1,2-Dichloropropane	7.52	63	146680	19.623	ug/l	99
46) Dibromomethane	7.66	93	106714	19.767	ug/l	98
47) Bromodichloromethane	7.90	83	207281	19.827	ug/l	99
48) Methyl methacrylate	7.77	41	167044	18.727	ug/l	98
49) 1,4-Dioxane	7.75	88	82410	374.858	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1025130	96.042	ug/l	99
52) Toluene	8.79	92	374931	19.377	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	234906	19.213	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	249390	19.643	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	158046	20.105	ug/l	98
56) Ethyl methacrylate	9.18	69	238095	19.374	ug/l	98
57) 1,3-Dichloropropane	9.37	76	248232	19.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	608471	97.571	ug/l	99
59) 2-Hexanone	9.49	43	780941	95.765	ug/l	100
60) Dibromochloromethane	9.59	129	189445	19.544	ug/l	100
61) 1,2-Dibromoethane	9.67	107	171959	19.564	ug/l	100
64) Tetrachloroethene	9.34	164	163456	20.868	ug/l	98
65) Chlorobenzene	10.14	112	438829	19.875	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	171688	20.014	ug/l	99
67) Ethyl Benzene	10.25	91	726035	19.771	ug/l	98
68) m/p-Xylenes	10.36	106	574269	39.040	ug/l	100
69) o-Xylene	10.70	106	282304	19.429	ug/l	99
70) Styrene	10.71	104	457414	19.464	ug/l	98
71) Bromoform	10.86	173	157526	19.452	ug/l #	99
73) Isopropylbenzene	11.02	105	748103	20.258	ug/l	99
74) N-amyl acetate	10.90	43	304863	19.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	236042	19.980	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	226753m	21.970	ug/l	
77) Bromobenzene	11.26	156	205591	20.061	ug/l	99
78) n-propylbenzene	11.36	91	821306	20.008	ug/l	99
79) 2-Chlorotoluene	11.42	91	493356	20.221	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	618379	20.126	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84573	19.229	ug/l	98
82) 4-Chlorotoluene	11.51	91	558905	19.703	ug/l	99
83) tert-Butylbenzene	11.77	119	667338	20.356	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	631625	19.908	ug/l	99
85) sec-Butylbenzene	11.94	105	753713	20.210	ug/l	100
86) p-Isopropyltoluene	12.07	119	670735	19.973	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	361507	19.825	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	361102	19.510	ug/l	99
89) n-Butylbenzene	12.39	91	558585	19.494	ug/l	100
90) Hexachloroethane	12.60	117	137548	20.096	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	362409	20.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56289	18.587	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120318\
Data File : VX006248.D
Acq On : 03 Dec 2018 12:57
Operator : JC/MD
Sample : VX1203MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBS01

Manual Integrations
APPROVED

MMDadoda
12/4/2018 9:58:43 AM

Quant Time: Dec 04 05:48:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	261697	19.820	ug/l	99
94) Hexachlorobutadiene	13.79	225	119717	20.503	ug/l	99
95) Naphthalene	13.83	128	810452	19.733	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	257800	19.713	ug/l	99

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

