

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122419\
 Data File : VX014236.D
 Acq On : 24 Dec 2019 11:45
 Operator : JC/SP
 Sample : VX1224MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBS01

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:24 AM

Quant Time: Dec 25 06:11:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	498665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	757106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	684569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338315	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	284428	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.48	113	230633	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.71	98	888802	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	317902	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	75728	16.975	ug/l	96
3) Chloromethane	1.32	50	104862	17.515	ug/l	100
4) Vinyl Chloride	1.40	62	110779	17.536	ug/l	99
5) Bromomethane	1.63	94	67472	15.048	ug/l	99
6) Chloroethane	1.72	64	72606	18.622	ug/l	98
7) Trichlorofluoromethane	1.92	101	144554	18.484	ug/l	98
8) Diethyl Ether	2.18	74	67322	18.343	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89827	19.055	ug/l	99
10) Methyl Iodide	2.50	142	98317	17.607	ug/l	100
11) Tert butyl alcohol	3.02	59	114338	93.628	ug/l	98
12) 1,1-Dichloroethene	2.36	96	85596	17.844	ug/l	98
13) Acrolein	2.28	56	66852	95.632	ug/l	99
14) Allyl chloride	2.72	41	160675	18.760	ug/l	98
15) Acrylonitrile	3.12	53	279898	98.197	ug/l	100
16) Acetone	2.43	43	336043	91.586	ug/l	99
17) Carbon Disulfide	2.56	76	218435	16.907	ug/l	97
18) Methyl Acetate	2.76	43	143573	19.747	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	310397	19.692	ug/l	98
20) Methylene Chloride	2.84	84	107714	18.642	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	95832	18.134	ug/l	94
22) Diisopropyl ether	3.84	45	337333	19.765	ug/l	95
23) Vinyl Acetate	3.80	43	1325029	95.136	ug/l	99
24) 1,1-Dichloroethane	3.69	63	177786	18.723	ug/l	100
25) 2-Butanone	4.65	43	431429	95.372	ug/l	99
26) 2,2-Dichloropropane	4.57	77	133458	18.102	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	112941	18.897	ug/l	98
28) Bromochloromethane	5.00	49	80347	22.256	ug/l	98
29) Tetrahydrofuran	5.11	42	251048	99.221	ug/l	99
30) Chloroform	5.20	83	174625	19.400	ug/l	99
31) Cyclohexane	5.57	56	156993	18.589	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	137839	17.967	ug/l	98
36) 1,1-Dichloropropene	5.79	75	126050	18.145	ug/l	99
37) Ethyl Acetate	4.81	43	155906	20.323	ug/l	98
38) Carbon Tetrachloride	5.78	117	118934	18.793	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014236.D
 Acq On : 24 Dec 2019 11:45
 Operator : JC/SP
 Sample : VX1224MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1224MBS01

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:24 AM

Quant Time: Dec 25 06:11:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	157117	18.317	ug/l	95
40) Benzene	6.13	78	399331	18.682	ug/l	98
41) Methacrylonitrile	5.02	41	85076	19.988	ug/l	98
42) 1,2-Dichloroethane	6.18	62	141213	19.490	ug/l	99
43) Isopropyl Acetate	6.43	43	245069	19.303	ug/l	100
44) Trichloroethene	7.20	130	109797	18.597	ug/l	100
45) 1,2-Dichloropropane	7.50	63	105790	19.310	ug/l	94
46) Dibromomethane	7.65	93	68298	18.856	ug/l	99
47) Bromodichloromethane	7.89	83	130701	19.159	ug/l	99
48) Methyl methacrylate	7.76	41	120270	19.346	ug/l	99
49) 1,4-Dioxane	7.73	88	49493	391.213	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	773120	96.966	ug/l	99
52) Toluene	8.78	92	251720	18.632	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	142053	18.991	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	162590	19.511	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105880	19.554	ug/l	98
56) Ethyl methacrylate	9.17	69	163579	19.232	ug/l	99
57) 1,3-Dichloropropane	9.36	76	180346	19.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	329735	102.438	ug/l	100
59) 2-Hexanone	9.48	43	612250	95.390	ug/l	99
60) Dibromochloromethane	9.57	129	103986	19.320	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109684	19.798	ug/l	98
64) Tetrachloroethene	9.33	164	131004	21.626	ug/l	97
65) Chlorobenzene	10.13	112	276719	19.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	98752	19.001	ug/l	99
67) Ethyl Benzene	10.25	91	471612	18.846	ug/l	98
68) m/p-Xylenes	10.36	106	359308	37.332	ug/l	99
69) o-Xylene	10.69	106	177250	18.777	ug/l	100
70) Styrene	10.71	104	297327	18.627	ug/l	99
71) Bromoform	10.85	173	76783	18.379	ug/l #	99
73) Isopropylbenzene	11.01	105	469949	19.729	ug/l	100
74) N-amyl acetate	10.89	43	208273	18.653	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	156948	19.005	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	132091m	17.984	ug/l	
77) Bromobenzene	11.25	156	122020	18.618	ug/l	98
78) n-propylbenzene	11.35	91	522090	19.541	ug/l	99
79) 2-Chlorotoluene	11.42	91	313493	19.302	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	384940	19.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46788	17.980	ug/l	91
82) 4-Chlorotoluene	11.51	91	356743	18.936	ug/l	100
83) tert-Butylbenzene	11.76	119	353259	18.107	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	392594	19.555	ug/l	100
85) sec-Butylbenzene	11.94	105	444634	19.306	ug/l	100
86) p-Isopropyltoluene	12.06	119	406624	19.301	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	212778	18.525	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	216638	18.549	ug/l	100
89) n-Butylbenzene	12.39	91	348716	19.399	ug/l	100
90) Hexachloroethane	12.59	117	67780	17.912	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	217603	18.819	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31295	17.125	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
Data File : VX014236.D
Acq On : 24 Dec 2019 11:45
Operator : JC/SP
Sample : VX1224MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBS01

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:24 AM

Quant Time: Dec 25 06:11:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139428	18.553	ug/l	97
94) Hexachlorobutadiene	13.78	225	68367	18.929	ug/l	97
95) Naphthalene	13.83	128	416549	18.865	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138765	18.705	ug/l	96

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

