

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010320\
 Data File : VX014395.D
 Acq On : 03 Jan 2020 13:07
 Operator : JC/SP
 Sample : VX0103MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:41:47 AM

Quant Time: Jan 06 02:51:55 2020
 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	505253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	757136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	677402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341636	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	282742	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.48	113	232917	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	8.71	98	890244	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	319325	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	67674	14.972	ug/l	100
3) Chloromethane	1.32	50	93314	15.383	ug/l	99
4) Vinyl Chloride	1.40	62	99617	15.563	ug/l	97
5) Bromomethane	1.63	94	73307	16.136	ug/l	99
6) Chloroethane	1.72	64	69531	17.601	ug/l	97
7) Trichlorofluoromethane	1.92	101	140881	17.780	ug/l	100
8) Diethyl Ether	2.17	74	65817	17.699	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85396	17.879	ug/l	97
10) Methyl Iodide	2.50	142	89516	16.087	ug/l	97
11) Tert butyl alcohol	3.02	59	134746	108.900	ug/l	97
12) 1,1-Dichloroethene	2.36	96	80528	16.569	ug/l	93
13) Acrolein	2.28	56	51011	72.020	ug/l	96
14) Allyl chloride	2.72	41	157766	18.180	ug/l	98
15) Acrylonitrile	3.12	53	286089	99.061	ug/l	99
16) Acetone	2.43	43	306637	82.482	ug/l	100
17) Carbon Disulfide	2.56	76	193880	14.904	ug/l	99
18) Methyl Acetate	2.76	43	147205	19.983	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	308881	19.340	ug/l	99
20) Methylene Chloride	2.84	84	101867	17.401	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	88011	16.437	ug/l	97
22) Diisopropyl ether	3.84	45	330342	19.103	ug/l	97
23) Vinyl Acetate	3.80	43	1381345	97.886	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169374	17.605	ug/l	98
25) 2-Butanone	4.65	43	426175	92.982	ug/l	98
26) 2,2-Dichloropropane	4.56	77	133192	17.831	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	106770	17.632	ug/l	98
28) Bromochloromethane	5.00	49	76922	21.054	ug/l	99
29) Tetrahydrofuran	5.11	42	253040	98.705	ug/l	99
30) Chloroform	5.20	83	171009	18.750	ug/l	98
31) Cyclohexane	5.57	56	148390	17.342	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	137157	17.645	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122706	17.663	ug/l	98
37) Ethyl Acetate	4.81	43	155304	20.244	ug/l	98
38) Carbon Tetrachloride	5.77	117	116920	18.474	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010320\
 Data File : VX014395.D
 Acq On : 03 Jan 2020 13:07
 Operator : JC/SP
 Sample : VX0103MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103MBS01

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:41:47 AM

Quant Time: Jan 06 02:51:55 2020
 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	150796	17.579	ug/l	100
40) Benzene	6.13	78	384646	17.995	ug/l	98
41) Methacrylonitrile	5.03	41	84349	19.816	ug/l	99
42) 1,2-Dichloroethane	6.18	62	135014	18.633	ug/l	99
43) Isopropyl Acetate	6.43	43	253136	19.938	ug/l	99
44) Trichloroethene	7.20	130	107512	18.210	ug/l	96
45) 1,2-Dichloropropane	7.50	63	103772	18.941	ug/l	99
46) Dibromomethane	7.65	93	66971	18.489	ug/l	99
47) Bromodichloromethane	7.89	83	131015	19.205	ug/l	98
48) Methyl methacrylate	7.76	41	120206	19.335	ug/l	98
49) 1,4-Dioxane	7.73	88	55607	439.523	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	782364	98.122	ug/l	100
52) Toluene	8.78	92	241033	17.840	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	144255	19.284	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	159471	19.136	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105331	19.452	ug/l	97
56) Ethyl methacrylate	9.17	69	166310	19.552	ug/l	98
57) 1,3-Dichloropropane	9.36	76	175742	19.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	322469	100.177	ug/l	100
59) 2-Hexanone	9.48	43	618363	96.339	ug/l	99
60) Dibromochloromethane	9.57	129	106066	19.706	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107658	19.431	ug/l	100
64) Tetrachloroethene	9.33	164	114936	19.175	ug/l	97
65) Chlorobenzene	10.14	112	265549	18.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	100592	19.560	ug/l	99
67) Ethyl Benzene	10.25	91	459572	18.559	ug/l	99
68) m/p-Xylenes	10.36	106	349754	36.723	ug/l	99
69) o-Xylene	10.70	106	172667	18.485	ug/l	98
70) Styrene	10.71	104	291044	18.426	ug/l	99
71) Bromoform	10.85	173	80239	19.410	ug/l #	100
73) Isopropylbenzene	11.01	105	461035	19.167	ug/l	100
74) N-amyl acetate	10.89	43	211994	18.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	154970	18.583	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	135811m	18.311	ug/l	
77) Bromobenzene	11.25	156	119649	18.079	ug/l	97
78) n-propylbenzene	11.35	91	516052	19.127	ug/l	99
79) 2-Chlorotoluene	11.42	91	307763	18.765	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	379486	18.746	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50925	19.380	ug/l	97
82) 4-Chlorotoluene	11.51	91	351492	18.476	ug/l	100
83) tert-Butylbenzene	11.76	119	364897	18.522	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	385040	18.993	ug/l	100
85) sec-Butylbenzene	11.94	105	442257	19.016	ug/l	100
86) p-Isopropyltoluene	12.06	119	406098	19.089	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209069	18.025	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214135	18.157	ug/l	99
89) n-Butylbenzene	12.39	91	337657	18.601	ug/l	99
90) Hexachloroethane	12.59	117	71541	18.722	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	213236	18.262	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33330	18.061	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010320\
Data File : VX014395.D
Acq On : 03 Jan 2020 13:07
Operator : JC/SP
Sample : VX0103MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0103MBS01

Manual Integrations
APPROVED

apatel
1/6/2020 10:41:47 AM

Quant Time: Jan 06 02:51:55 2020
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	140141	18.466	ug/l	99
94) Hexachlorobutadiene	13.78	225	68954	18.906	ug/l	94
95) Naphthalene	13.83	128	424978	19.060	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	144436	19.280	ug/l	99

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

