

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011575.D
 Acq On : 16 Aug 2019 12:53
 Operator : JC/SP
 Sample : VX0816MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:56 AM

Quant Time: Aug 19 01:32:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	392939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	534482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	482717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159463	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	
35) Dibromofluoromethane	5.49	113	152075	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	
50) Toluene-d8	8.71	98	492296	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
62) 4-Bromofluorobenzene	11.13	95	201803	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	81559	21.116	ug/l	98
3) Chloromethane	1.32	50	68957	17.190	ug/l	98
4) Vinyl Chloride	1.40	62	69568	19.198	ug/l	98
5) Bromomethane	1.64	94	39425	24.280	ug/l	97
6) Chloroethane	1.72	64	33597	19.589	ug/l	98
7) Trichlorofluoromethane	1.92	101	98360	19.596	ug/l	100
8) Diethyl Ether	2.18	74	32280	18.748	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65388	18.861	ug/l	98
10) Methyl Iodide	2.50	142	89525	18.127	ug/l	99
11) Tert butyl alcohol	3.03	59	80141	89.646	ug/l	97
12) 1,1-Dichloroethene	2.37	96	63221	18.870	ug/l	95
13) Acrolein	2.29	56	25170	99.227	ug/l	99
14) Allyl chloride	2.72	41	104856	18.814	ug/l	99
15) Acrylonitrile	3.14	53	196171	95.878	ug/l	99
16) Acetone	2.43	43	170627	93.123	ug/l	98
17) Carbon Disulfide	2.56	76	149301	18.911	ug/l	99
18) Methyl Acetate	2.76	43	107643	18.943	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	209708	19.218	ug/l	98
20) Methylene Chloride	2.85	84	70889	18.427	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	67027	18.878	ug/l	96
22) Diisopropyl ether	3.85	45	214005	19.281	ug/l	98
23) Vinyl Acetate	3.81	43	846631	96.325	ug/l	99
24) 1,1-Dichloroethane	3.69	63	118344	18.858	ug/l	99
25) 2-Butanone	4.67	43	269989	93.860	ug/l	98
26) 2,2-Dichloropropane	4.57	77	92908	19.671	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	78767	19.030	ug/l	99
28) Bromochloromethane	5.01	49	48121	17.468	ug/l	100
29) Tetrahydrofuran	5.12	42	175847	93.193	ug/l	99
30) Chloroform	5.20	83	125515	18.952	ug/l	99
31) Cyclohexane	5.57	56	105363	19.500	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	109674	19.259	ug/l	99
36) 1,1-Dichloropropene	5.79	75	88442	19.354	ug/l	99
37) Ethyl Acetate	4.82	43	101555	19.322	ug/l	98
38) Carbon Tetrachloride	5.77	117	97537	19.373	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011575.D
 Acq On : 16 Aug 2019 12:53
 Operator : JC/SP
 Sample : VX0816MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0816MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:56 AM

Quant Time: Aug 19 01:32:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107192	18.994	ug/l	99
40) Benzene	6.14	78	274238	19.311	ug/l	99
41) Methacrylonitrile	5.03	41	55764	19.277	ug/l	99
42) 1,2-Dichloroethane	6.18	62	97266	19.769	ug/l	100
43) Isopropyl Acetate	6.44	43	155808	18.995	ug/l	99
44) Trichloroethene	7.21	130	80086	19.011	ug/l	97
45) 1,2-Dichloropropane	7.51	63	69206	19.541	ug/l	99
46) Dibromomethane	7.66	93	49359	19.179	ug/l	96
47) Bromodichloromethane	7.89	83	88527	18.734	ug/l	99
48) Methyl methacrylate	7.77	41	79099	19.472	ug/l	99
49) 1,4-Dioxane	7.73	88	39196	362.782	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	528267	98.391	ug/l	99
52) Toluene	8.78	92	175278	19.374	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	96032	19.581	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	106423	19.829	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	73840	19.192	ug/l	99
56) Ethyl methacrylate	9.18	69	108982	19.489	ug/l	99
57) 1,3-Dichloropropane	9.37	76	118152	19.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	267318	95.943	ug/l	98
59) 2-Hexanone	9.49	43	401781	97.040	ug/l	100
60) Dibromochloromethane	9.58	129	77506	19.335	ug/l	99
61) 1,2-Dibromoethane	9.67	107	79330	19.320	ug/l	100
64) Tetrachloroethene	9.34	164	78354	19.783	ug/l	98
65) Chlorobenzene	10.13	112	200256	19.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	74438	19.343	ug/l	100
67) Ethyl Benzene	10.25	91	332277	19.338	ug/l	98
68) m/p-Xylenes	10.35	106	260720	39.529	ug/l	98
69) o-Xylene	10.69	106	125799	19.471	ug/l	99
70) Styrene	10.71	104	215564	19.820	ug/l	99
71) Bromoform	10.85	173	61034	18.538	ug/l #	98
73) Isopropylbenzene	11.02	105	337987	20.108	ug/l	99
74) N-amyl acetate	10.90	43	132452	18.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	111258	19.241	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	96640m	19.674	ug/l	
77) Bromobenzene	11.26	156	96751	19.347	ug/l	98
78) n-propylbenzene	11.36	91	365028	20.139	ug/l	99
79) 2-Chlorotoluene	11.42	91	222416	19.984	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	286736	20.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29073	19.081	ug/l	92
82) 4-Chlorotoluene	11.51	91	259264	20.079	ug/l	100
83) tert-Butylbenzene	11.77	119	287768	20.010	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	288106	20.324	ug/l	100
85) sec-Butylbenzene	11.94	105	324576	20.004	ug/l	100
86) p-Isopropyltoluene	12.06	119	309332	20.265	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	168700	19.626	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	166507	19.112	ug/l	99
89) n-Butylbenzene	12.38	91	247822	19.748	ug/l	100
90) Hexachloroethane	12.59	117	46644	19.351	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	167175	19.374	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23574	17.820	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
Data File : VX011575.D
Acq On : 16 Aug 2019 12:53
Operator : JC/SP
Sample : VX0816MBS01
Misc : 5.0µ/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01

Manual Integrations
APPROVED

MMDadoda
8/19/2019 10:29:56 AM

Quant Time: Aug 19 01:32:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124347	19.341	ug/l	100
94) Hexachlorobutadiene	13.78	225	69632	19.890	ug/l	98
95) Naphthalene	13.83	128	354677	19.514	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129776	20.012	ug/l	98

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

