

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112519\
 Data File : VX013580.D
 Acq On : 25 Nov 2019 14:50
 Operator : JC/SP
 Sample : VX1125MBS01
 Misc : 5.00G/10ML/100UL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2019 11:02:26 AM

Quant Time: Nov 25 15:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	642970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	978966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	883312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	444336	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	374600	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	5.48	113	308699	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	8.71	98	1159941	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.13	95	420995	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	104366	14.088	ug/l	98
3) Chloromethane	1.32	50	129744	16.150	ug/l	98
4) Vinyl Chloride	1.40	62	146285	15.994	ug/l	99
5) Bromomethane	1.63	94	87439	13.719	ug/l	99
6) Chloroethane	1.72	64	84727	15.381	ug/l	94
7) Trichlorofluoromethane	1.92	101	164767	15.248	ug/l	100
8) Diethyl Ether	2.18	74	83448	17.463	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105841	17.574	ug/l	99
10) Methyl Iodide	2.50	142	107566	14.426	ug/l	98
11) Tert butyl alcohol	3.03	59	156352	77.876	ug/l	96
12) 1,1-Dichloroethene	2.36	96	101692	17.242	ug/l	96
13) Acrolein	2.28	56	145361	133.590	ug/l	99
14) Allyl chloride	2.72	41	197521	18.432	ug/l	95
15) Acrylonitrile	3.13	53	360422	96.105	ug/l	99
16) Acetone	2.43	43	358983	94.484	ug/l	99
17) Carbon Disulfide	2.56	76	223712	14.172	ug/l	100
18) Methyl Acetate	2.76	43	208275	19.856	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	386288	19.637	ug/l	98
20) Methylene Chloride	2.84	84	124752	17.771	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	112792	17.564	ug/l	98
22) Diisopropyl ether	3.84	45	413927	20.007	ug/l	99
23) Vinyl Acetate	3.80	43	1664560	94.025	ug/l	99
24) 1,1-Dichloroethane	3.69	63	216101	18.672	ug/l	98
25) 2-Butanone	4.65	43	521813	93.619	ug/l	100
26) 2,2-Dichloropropane	4.57	77	173925	18.891	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	139268	19.360	ug/l	98
28) Bromochloromethane	5.00	49	67493	20.539	ug/l	97
29) Tetrahydrofuran	5.11	42	316924	92.269	ug/l	99
30) Chloroform	5.20	83	217067	18.994	ug/l	98
31) Cyclohexane	5.57	56	175479	16.850	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	174137	17.706	ug/l	99
36) 1,1-Dichloropropene	5.79	75	147155	17.522	ug/l	98
37) Ethyl Acetate	4.81	43	191438	18.447	ug/l	99
38) Carbon Tetrachloride	5.77	117	144230	17.562	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013580.D
 Acq On : 25 Nov 2019 14:50
 Operator : JC/SP
 Sample : VX1125MBS01
 Misc : 5.00G/10ML/100UL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2019 11:02:26 AM

Quant Time: Nov 25 15:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177451	16.957	ug/l	97
40) Benzene	6.14	78	481984	18.424	ug/l	97
41) Methacrylonitrile	5.03	41	108598	18.670	ug/l	97
42) 1,2-Dichloroethane	6.18	62	173332	18.369	ug/l	98
43) Isopropyl Acetate	6.44	43	308152	19.069	ug/l	99
44) Trichloroethene	7.20	130	127726	17.737	ug/l	93
45) 1,2-Dichloropropane	7.51	63	131163	19.678	ug/l	99
46) Dibromomethane	7.65	93	82860	18.207	ug/l	97
47) Bromodichloromethane	7.89	83	158770	18.500	ug/l	98
48) Methyl methacrylate	7.76	41	151716	18.808	ug/l	96
49) 1,4-Dioxane	7.73	88	56692	306.888	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	994501	93.802	ug/l	98
52) Toluene	8.78	92	300803	18.552	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	175592	18.711	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	198697	18.928	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	130519	19.421	ug/l	99
56) Ethyl methacrylate	9.17	69	204445	18.825	ug/l	97
57) 1,3-Dichloropropane	9.37	76	219904	19.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	465286	101.255	ug/l	99
59) 2-Hexanone	9.48	43	766085	93.504	ug/l	98
60) Dibromochloromethane	9.57	129	129099	18.783	ug/l	98
61) 1,2-Dibromoethane	9.67	107	134205	18.806	ug/l	99
64) Tetrachloroethene	9.33	164	114362	18.086	ug/l	95
65) Chlorobenzene	10.14	112	332913	18.616	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	123617	18.826	ug/l	98
67) Ethyl Benzene	10.25	91	573036	18.566	ug/l	100
68) m/p-Xylenes	10.36	106	433363	37.127	ug/l	99
69) o-Xylene	10.70	106	212578	18.602	ug/l	99
70) Styrene	10.71	104	364265	19.068	ug/l	99
71) Bromoform	10.85	173	96440	18.029	ug/l	99
73) Isopropylbenzene	11.01	105	570095	19.351	ug/l	99
74) N-amyl acetate	10.89	43	268205	19.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	209294	19.474	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	190399m	21.097	ug/l	
77) Bromobenzene	11.25	156	150947	19.220	ug/l	99
78) n-propylbenzene	11.35	91	636105	19.383	ug/l	100
79) 2-Chlorotoluene	11.42	91	380209	19.230	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	474699	19.345	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61544	17.553	ug/l	98
82) 4-Chlorotoluene	11.51	91	436228	18.848	ug/l	99
83) tert-Butylbenzene	11.76	119	481327	19.486	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	474987	19.296	ug/l	98
85) sec-Butylbenzene	11.94	105	548787	19.331	ug/l	100
86) p-Isopropyltoluene	12.06	119	507395	19.409	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	268575	19.185	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	267510	18.755	ug/l	99
89) n-Butylbenzene	12.39	91	442444	19.396	ug/l	100
90) Hexachloroethane	12.59	117	84766	18.199	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	270108	19.302	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44155	16.863	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112519\
Data File : VX013580.D
Acq On : 25 Nov 2019 14:50
Operator : JC/SP
Sample : VX1125MBS01
Misc : 5.00G/10ML/100UL/5.0mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBS01

Manual Integrations
APPROVED

MMDadoda
12/4/2019 11:02:26 AM

Quant Time: Nov 25 15:45:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	193224	19.795	ug/l	99
94) Hexachlorobutadiene	13.78	225	89003	18.637	ug/l	95
95) Naphthalene	13.83	128	618443	20.194	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	194045	19.822	ug/l	99

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

