

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101519\
 Data File : VY000313.D
 Acq On : 15 Oct 2019 12:32
 Operator : SY/MD
 Sample : VY1015SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:40:20 AM

Quant Time: Oct 15 17:46:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	317497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	535669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	476481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227520	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	177822	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
35) Dibromofluoromethane	7.73	113	160514	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	10.18	98	655177	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.48	95	231765	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	62431	22.496	ug/l	99
3) Chloromethane	2.12	50	76962	19.837	ug/l	98
4) Vinyl Chloride	2.26	62	81492	20.813	ug/l	99
5) Bromomethane	2.65	94	59814	20.613	ug/l	92
6) Chloroethane	2.79	64	53052	20.999	ug/l	95
7) Trichlorofluoromethane	3.13	101	113495	21.191	ug/l	96
8) Diethyl Ether	3.54	74	39424	20.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	65936	20.300	ug/l	98
10) Methyl Iodide	4.09	142	80325	18.136	ug/l	99
11) Tert butyl alcohol	4.98	59	32969	94.067	ug/l	98
12) 1,1-Dichloroethene	3.88	96	65959	20.570	ug/l	97
13) Acrolein	3.74	56	37271	90.704	ug/l	99
14) Allyl chloride	4.49	41	108566	20.430	ug/l	99
15) Acrylonitrile	5.18	53	105059	99.202	ug/l	98
16) Acetone	3.96	43	94299	86.945	ug/l	97
17) Carbon Disulfide	4.19	76	206090	20.413	ug/l	98
18) Methyl Acetate	4.49	43	53852	19.984	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	188665	21.135	ug/l	99
20) Methylene Chloride	4.72	84	84434	19.824	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	74918	20.364	ug/l	98
22) Diisopropyl ether	6.13	45	235172	20.924	ug/l	99
23) Vinyl Acetate	6.07	43	750342	102.334	ug/l	98
24) 1,1-Dichloroethane	6.02	63	127216	20.737	ug/l	97
25) 2-Butanone	7.00	43	145692	95.359	ug/l	96
26) 2,2-Dichloropropane	6.99	77	117509	20.787	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	81803	20.549	ug/l	99
28) Bromochloromethane	7.35	49	48510	18.420	ug/l	100
29) Tetrahydrofuran	7.36	42	89938	97.133	ug/l	99
30) Chloroform	7.52	83	125919	20.381	ug/l	98
31) Cyclohexane	7.80	56	132539	20.685	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	112842	20.544	ug/l	98
36) 1,1-Dichloropropene	7.92	75	102418	19.528	ug/l	99
37) Ethyl Acetate	7.08	43	63100	20.320	ug/l	97
38) Carbon Tetrachloride	7.91	117	98672	19.431	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101519\
 Data File : VY000313.D
 Acq On : 15 Oct 2019 12:32
 Operator : SY/MD
 Sample : VY1015SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:40:20 AM

Quant Time: Oct 15 17:46:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	136462	19.881	ug/l	96
40) Benzene	8.17	78	301061	19.864	ug/l	96
41) Methacrylonitrile	7.32	41	24944m	16.875	ug/l	
42) 1,2-Dichloroethane	8.25	62	85224	19.685	ug/l	100
43) Isopropyl Acetate	8.28	43	114494	19.390	ug/l	99
44) Trichloroethene	8.94	130	83979	19.748	ug/l	98
45) 1,2-Dichloropropane	9.22	63	75348	20.258	ug/l	94
46) Dibromomethane	9.31	93	40508	19.483	ug/l	98
47) Bromodichloromethane	9.50	83	99062	20.217	ug/l	95
48) Methyl methacrylate	9.30	41	49837	19.259	ug/l	97
49) 1,4-Dioxane	9.31	88	10909	349.928	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	303788	99.751	ug/l	99
52) Toluene	10.25	92	191741	19.926	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	104977	19.990	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	120198	20.155	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	59468	19.671	ug/l	98
56) Ethyl methacrylate	10.52	69	84815	19.683	ug/l	96
57) 1,3-Dichloropropane	10.80	76	104907	20.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	199232	115.919	ug/l	99
59) 2-Hexanone	10.83	43	218688	102.303	ug/l	99
60) Dibromochloromethane	10.99	129	66352	19.802	ug/l	98
61) 1,2-Dibromoethane	11.10	107	56543	19.480	ug/l	100
64) Tetrachloroethene	10.72	164	89995	19.839	ug/l	100
65) Chlorobenzene	11.52	112	199145	19.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	69557	19.691	ug/l	98
67) Ethyl Benzene	11.60	91	367464	19.712	ug/l	100
68) m/p-Xylenes	11.70	106	278800	39.123	ug/l	96
69) o-Xylene	12.03	106	132562	19.499	ug/l	97
70) Styrene	12.05	104	224942	19.620	ug/l	99
71) Bromoform	12.21	173	39442	19.423	ug/l	99
73) Isopropylbenzene	12.33	105	358128	20.187	ug/l	100
74) N-amyl acetate	12.14	43	98241	22.557	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	66040	19.827	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	56166m	20.076	ug/l	
77) Bromobenzene	12.61	156	79792	20.212	ug/l	97
78) n-propylbenzene	12.67	91	432594	20.309	ug/l	99
79) 2-Chlorotoluene	12.75	91	241697	20.547	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	301328	20.256	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	24182	18.912	ug/l	99
82) 4-Chlorotoluene	12.86	91	255434	20.543	ug/l	98
83) tert-Butylbenzene	13.08	119	253602	20.131	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	301313	20.523	ug/l	99
85) sec-Butylbenzene	13.25	105	370664	20.339	ug/l	99
86) p-Isopropyltoluene	13.37	119	328647	20.685	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	159302	20.481	ug/l	97
88) 1,4-Dichlorobenzene	13.45	146	154034	19.813	ug/l	97
89) n-Butylbenzene	13.70	91	321077	20.450	ug/l	99
90) Hexachloroethane	13.96	117	60527	20.574	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	142386	20.228	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12364	19.572	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101519\
Data File : VY000313.D
Acq On : 15 Oct 2019 12:32
Operator : SY/MD
Sample : VY1015SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Manual Integrations
APPROVED

MMDadoda
10/18/2019 12:40:20 AM

Quant Time: Oct 15 17:46:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	97373	19.869	ug/l	99
94) Hexachlorobutadiene	15.11	225	51458	19.402	ug/l	97
95) Naphthalene	15.23	128	222659	20.359	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	88600	20.060	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101519\
Data File : VY000313.D
Acq On : 15 Oct 2019 12:32
Operator : SY/MD
Sample : VY1015SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Manual Integrations
APPROVED

MMDadoda
10/18/2019 12:40:20 AM

Quant Time: Oct 15 17:46:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

