

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000542.D
 Acq On : 06 Nov 2019 11:51
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 10:39:08 AM

Quant Time: Nov 07 05:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	244901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	403638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	359962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	138162	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.73	113	124122	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	10.18	98	494325	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
62) 4-Bromofluorobenzene	12.48	95	174035	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	43998	18.250	ug/l	95
3) Chloromethane	2.12	50	63591	19.148	ug/l	94
4) Vinyl Chloride	2.26	62	59067	19.153	ug/l	94
5) Bromomethane	2.65	94	46076	24.915	ug/l	92
6) Chloroethane	2.79	64	37768	19.568	ug/l	95
7) Trichlorofluoromethane	3.13	101	85936	20.634	ug/l	100
8) Diethyl Ether	3.53	74	29054	19.633	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	50911	20.219	ug/l	99
10) Methyl Iodide	4.10	142	43875	15.591	ug/l	99
11) Tert butyl alcohol	4.97	59	23455	95.072	ug/l #	91
12) 1,1-Dichloroethene	3.88	96	50538	20.659	ug/l	97
13) Acrolein	3.73	56	17269	80.359	ug/l	97
14) Allyl chloride	4.48	41	82200	20.665	ug/l	96
15) Acrylonitrile	5.18	53	75393	99.452	ug/l	99
16) Acetone	3.96	43	57358	82.115	ug/l	94
17) Carbon Disulfide	4.20	76	156401	20.271	ug/l	100
18) Methyl Acetate	4.49	43	40518	18.655	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	134946	19.840	ug/l	100
20) Methylene Chloride	4.72	84	59616	19.918	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	56133	20.297	ug/l	98
22) Diisopropyl ether	6.13	45	173635	20.083	ug/l	94
23) Vinyl Acetate	6.07	43	553059	101.334	ug/l	96
24) 1,1-Dichloroethane	6.03	63	94195	20.110	ug/l	100
25) 2-Butanone	7.00	43	104615	93.844	ug/l	95
26) 2,2-Dichloropropane	6.99	77	88302	20.629	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	62269	20.591	ug/l	99
28) Bromochloromethane	7.34	49	24822	14.761	ug/l	99
29) Tetrahydrofuran	7.36	42	67300	98.683	ug/l	99
30) Chloroform	7.52	83	98022	20.687	ug/l	93
31) Cyclohexane	7.79	56	99974	20.379	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	86995	20.601	ug/l	99
36) 1,1-Dichloropropene	7.93	75	79252	20.769	ug/l	99
37) Ethyl Acetate	7.09	43	45478	20.075	ug/l	98
38) Carbon Tetrachloride	7.91	117	77929	21.224	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000542.D
 Acq On : 06 Nov 2019 11:51
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 10:39:08 AM

Quant Time: Nov 07 05:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	101729	20.636	ug/l	96
40) Benzene	8.17	78	227641	20.349	ug/l	97
41) Methacrylonitrile	7.33	41	22836m	18.069	ug/l	
42) 1,2-Dichloroethane	8.25	62	65500	20.643	ug/l	100
43) Isopropyl Acetate	8.28	43	85922	20.190	ug/l	100
44) Trichloroethene	8.94	130	60818	20.619	ug/l	99
45) 1,2-Dichloropropane	9.22	63	55158	20.033	ug/l	93
46) Dibromomethane	9.31	93	30908	20.412	ug/l	99
47) Bromodichloromethane	9.50	83	73504	20.458	ug/l	98
48) Methyl methacrylate	9.30	41	36819	19.802	ug/l	98
49) 1,4-Dioxane	9.32	88	8203	402.516	ug/l	88
51) 4-Methyl-2-Pentanone	10.08	43	229382	101.378	ug/l	99
52) Toluene	10.25	92	145617	20.588	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	77177	20.103	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	90646	20.611	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	45533	20.790	ug/l	91
56) Ethyl methacrylate	10.51	69	61308	19.750	ug/l	97
57) 1,3-Dichloropropane	10.79	76	79924	20.850	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	137267	97.813	ug/l	98
59) 2-Hexanone	10.83	43	162504	98.574	ug/l	99
60) Dibromochloromethane	10.99	129	50817	20.257	ug/l	99
61) 1,2-Dibromoethane	11.09	107	42972	20.406	ug/l	96
64) Tetrachloroethene	10.72	164	60600	20.360	ug/l	98
65) Chlorobenzene	11.52	112	150146	20.573	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	53065	20.965	ug/l	98
67) Ethyl Benzene	11.59	91	277370	20.650	ug/l	98
68) m/p-Xylenes	11.70	106	214919	41.341	ug/l	99
69) o-Xylene	12.03	106	99320	20.328	ug/l	99
70) Styrene	12.05	104	173339	20.719	ug/l	99
71) Bromoform	12.21	173	29981	20.594	ug/l #	98
73) Isopropylbenzene	12.33	105	273751	21.153	ug/l	100
74) N-amyl acetate	12.14	43	76529	20.648	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	53121	20.731	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39588m	19.856	ug/l	
77) Bromobenzene	12.61	156	61268	20.877	ug/l	96
78) n-propylbenzene	12.67	91	328167	21.016	ug/l	100
79) 2-Chlorotoluene	12.75	91	180853	20.863	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	232302	21.553	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17924	20.157	ug/l	96
82) 4-Chlorotoluene	12.85	91	190406	21.190	ug/l	98
83) tert-Butylbenzene	13.08	119	193272	21.001	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	229902	21.423	ug/l	99
85) sec-Butylbenzene	13.25	105	277223	21.143	ug/l	99
86) p-Isopropyltoluene	13.37	119	249181	21.324	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	122848	21.371	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	122008	21.241	ug/l	100
89) n-Butylbenzene	13.70	91	242223	21.016	ug/l	100
90) Hexachloroethane	13.96	117	45009	20.834	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	109452	20.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9690	21.367	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
Data File : VY000542.D
Acq On : 06 Nov 2019 11:51
Operator : SY/MD
Sample : VY1106SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:08 AM

Quant Time: Nov 07 05:08:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	74422	20.957	ug/l	99
94) Hexachlorobutadiene	15.11	225	40057	21.882	ug/l	98
95) Naphthalene	15.23	128	165128	20.946	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	66798	20.966	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
Data File : VY000542.D
Acq On : 06 Nov 2019 11:51
Operator : SY/MD
Sample : VY1106SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:08 AM

Quant Time: Nov 07 05:08:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

