

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000569.D
 Acq On : 07 Nov 2019 11:01
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:34 PM

Quant Time: Nov 08 03:59:00 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	282599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	480863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207802	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	155766	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.73	113	137979	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.19	98	564636	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.48	95	201324	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	55336	19.892	ug/l 97
3) Chloromethane	2.12	50	75887	19.802	ug/l 99
4) Vinyl Chloride	2.26	62	72620	20.406	ug/l 97
5) Bromomethane	2.65	94	48962	22.944	ug/l 99
6) Chloroethane	2.79	64	45622	20.484	ug/l 94
7) Trichlorofluoromethane	3.13	101	106717	22.205	ug/l 94
8) Diethyl Ether	3.54	74	37288	21.836	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	63776	21.950	ug/l 94
10) Methyl Iodide	4.10	142	65470	19.223	ug/l 98
11) Tert butyl alcohol	4.99	59	27038	94.975	ug/l # 94
12) 1,1-Dichloroethene	3.88	96	61335	21.728	ug/l 97
13) Acrolein	3.74	56	20458	82.500	ug/l 94
14) Allyl chloride	4.49	41	105433	22.970	ug/l 97
15) Acrylonitrile	5.18	53	97314	111.244	ug/l 99
16) Acetone	3.97	43	74490	92.415	ug/l 92
17) Carbon Disulfide	4.20	76	185405	20.824	ug/l 100
18) Methyl Acetate	4.49	43	50509	20.153	ug/l 100
19) Methyl tert-butyl Ether	5.24	73	167889	21.391	ug/l 98
20) Methylene Chloride	4.72	84	76911	22.269	ug/l 94
21) trans-1,2-Dichloroethene	5.22	96	67863	21.265	ug/l 96
22) Diisopropyl ether	6.13	45	221749	22.226	ug/l 99
23) Vinyl Acetate	6.07	43	700969	111.302	ug/l 97
24) 1,1-Dichloroethane	6.03	63	119582	22.125	ug/l 99
25) 2-Butanone	7.00	43	128190	99.652	ug/l 98
26) 2,2-Dichloropropane	6.99	77	108530	21.973	ug/l 98
27) cis-1,2-Dichloroethene	7.00	96	77202	22.123	ug/l 97
28) Bromochloromethane	7.35	49	29763	15.179	ug/l 94
29) Tetrahydrofuran	7.36	42	81466	103.520	ug/l 98
30) Chloroform	7.52	83	117455	21.482	ug/l 94
31) Cyclohexane	7.80	56	124658	22.021	ug/l # 93
32) 1,1,1-Trichloroethane	7.71	97	107035	21.965	ug/l 98
36) 1,1-Dichloropropene	7.93	75	98489	21.666	ug/l 99
37) Ethyl Acetate	7.09	43	56671	20.998	ug/l 97
38) Carbon Tetrachloride	7.91	117	91674	20.958	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000569.D
 Acq On : 07 Nov 2019 11:01
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:34 PM

Quant Time: Nov 08 03:59:00 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	123954	21.106	ug/l	98
40) Benzene	8.17	78	278315	20.883	ug/l	100
41) Methacrylonitrile	7.33	41	27711m	18.405	ug/l	
42) 1,2-Dichloroethane	8.25	62	82552	21.839	ug/l	99
43) Isopropyl Acetate	8.28	43	108045	21.311	ug/l	99
44) Trichloroethene	8.95	130	73624	20.952	ug/l	95
45) 1,2-Dichloropropane	9.22	63	71182	21.701	ug/l	93
46) Dibromomethane	9.32	93	37172	20.606	ug/l	99
47) Bromodichloromethane	9.50	83	90192	21.071	ug/l	99
48) Methyl methacrylate	9.30	41	47386	21.392	ug/l	96
49) 1,4-Dioxane	9.31	88	8801	362.505	ug/l #	79
51) 4-Methyl-2-Pentanone	10.08	43	284785	105.651	ug/l	99
52) Toluene	10.25	92	177837	21.106	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	96437	21.086	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	112021	21.380	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	55229	21.167	ug/l	96
56) Ethyl methacrylate	10.51	69	78835	21.318	ug/l	99
57) 1,3-Dichloropropane	10.80	76	97239	21.293	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	164646	98.481	ug/l	99
59) 2-Hexanone	10.84	43	202751	103.237	ug/l	100
60) Dibromochloromethane	10.99	129	61232	20.488	ug/l	99
61) 1,2-Dibromoethane	11.10	107	52038	20.743	ug/l	96
64) Tetrachloroethene	10.72	164	73931	20.731	ug/l	96
65) Chlorobenzene	11.52	112	184787	21.132	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	65967	21.752	ug/l	98
67) Ethyl Benzene	11.60	91	348208	21.637	ug/l	96
68) m/p-Xylenes	11.70	106	261249	41.942	ug/l	96
69) o-Xylene	12.03	106	122214	20.877	ug/l	98
70) Styrene	12.05	104	206027	20.553	ug/l	98
71) Bromoform	12.21	173	35601	20.410	ug/l #	100
73) Isopropylbenzene	12.33	105	333514	21.716	ug/l	99
74) N-amyl acetate	12.14	43	97030	22.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	65262	21.461	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	41973m	17.739	ug/l	
77) Bromobenzene	12.61	156	72976	20.953	ug/l	96
78) n-propylbenzene	12.67	91	402417	21.716	ug/l	99
79) 2-Chlorotoluene	12.75	91	227594	22.123	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	278964	21.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22256	21.090	ug/l	95
82) 4-Chlorotoluene	12.86	91	237740	22.294	ug/l	97
83) tert-Butylbenzene	13.08	119	239002	21.884	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	282386	22.173	ug/l	96
85) sec-Butylbenzene	13.25	105	341533	21.949	ug/l	99
86) p-Isopropyltoluene	13.37	119	300149	21.643	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	144836	21.232	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	144663	21.222	ug/l	98
89) n-Butylbenzene	13.70	91	296692	21.691	ug/l	99
90) Hexachloroethane	13.96	117	56313	21.965	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	132300	21.375	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11662	21.669	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
Data File : VY000569.D
Acq On : 07 Nov 2019 11:01
Operator : SY/MD
Sample : VY1107SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Manual Integrations
APPROVED

MMDadoda
11/8/2019 4:07:34 PM

Quant Time: Nov 08 03:59:00 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	88785	21.067	ug/l	99
94) Hexachlorobutadiene	15.11	225	46265	21.297	ug/l	98
95) Naphthalene	15.23	128	198486	21.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	79716	21.084	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000569.D
 Acq On : 07 Nov 2019 11:01
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:34 PM

Quant Time: Nov 08 03:59:00 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

