

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000784.D
 Acq On : 22 Nov 2019 11:43
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:33:59 AM

Quant Time: Nov 23 04:34:01 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	318027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	555508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	488881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	233272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	157249	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	7.73	113	154805	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.18	98	640830	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.48	95	226743	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	54878	17.529	ug/l	96
3) Chloromethane	2.12	50	74554	17.287	ug/l	97
4) Vinyl Chloride	2.25	62	74354	18.566	ug/l	98
5) Bromomethane	2.65	94	48921	20.371	ug/l	96
6) Chloroethane	2.79	64	48062	19.175	ug/l #	87
7) Trichlorofluoromethane	3.13	101	110860	20.498	ug/l	96
8) Diethyl Ether	3.54	74	41087	21.380	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	68366	20.909	ug/l	96
10) Methyl Iodide	4.09	142	76555	19.849	ug/l	99
11) Tert butyl alcohol	4.96	59	27203m	84.910	ug/l	
12) 1,1-Dichloroethene	3.88	96	66998	21.090	ug/l	90
13) Acrolein	3.74	56	18569	66.540	ug/l	99
14) Allyl chloride	4.49	41	118352	22.912	ug/l	94
15) Acrylonitrile	5.18	53	101777	103.385	ug/l	98
16) Acetone	3.96	43	66619	73.443	ug/l	92
17) Carbon Disulfide	4.20	76	199624	19.924	ug/l	99
18) Methyl Acetate	4.49	43	52106	18.475	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	178665	20.228	ug/l	98
20) Methylene Chloride	4.72	84	82346	21.186	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	75887	21.130	ug/l	98
22) Diisopropyl ether	6.13	45	244894	21.812	ug/l	94
23) Vinyl Acetate	6.07	43	729382	102.912	ug/l	96
24) 1,1-Dichloroethane	6.02	63	134647	22.137	ug/l	99
25) 2-Butanone	7.00	43	124790	86.202	ug/l	99
26) 2,2-Dichloropropane	6.99	77	113509	20.421	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	85809	21.851	ug/l	98
28) Bromochloromethane	7.35	49	34087	15.375	ug/l	92
29) Tetrahydrofuran	7.36	42	83438	94.215	ug/l	99
30) Chloroform	7.52	83	135255	21.982	ug/l	98
31) Cyclohexane	7.79	56	133372	20.935	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	112904	20.589	ug/l	99
36) 1,1-Dichloropropene	7.92	75	104911	19.977	ug/l	98
37) Ethyl Acetate	7.09	43	54269	17.406	ug/l #	95
38) Carbon Tetrachloride	7.91	117	96523	19.102	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000784.D
 Acq On : 22 Nov 2019 11:43
 Operator : SY/MD
 Sample : VY1122SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:33:59 AM

Quant Time: Nov 23 04:34:01 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	134908	19.885	ug/l	91
40) Benzene	8.17	78	315465	20.490	ug/l	98
41) Methacrylonitrile	7.32	41	24098m	13.855	ug/l	
42) 1,2-Dichloroethane	8.25	62	80861	18.517	ug/l	97
43) Isopropyl Acetate	8.28	43	104363	17.819	ug/l	97
44) Trichloroethene	8.94	130	83639	20.604	ug/l	95
45) 1,2-Dichloropropane	9.22	63	79841	21.070	ug/l	97
46) Dibromomethane	9.31	93	39997	19.193	ug/l	96
47) Bromodichloromethane	9.50	83	97554	19.728	ug/l	99
48) Methyl methacrylate	9.30	41	46124	18.024	ug/l	94
49) 1,4-Dioxane	9.31	88	10548	376.082	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	273137	87.714	ug/l	97
52) Toluene	10.25	92	198573	20.400	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	104054	19.694	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	120640	19.931	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	58125	19.284	ug/l	94
56) Ethyl methacrylate	10.51	69	80784	18.909	ug/l	97
57) 1,3-Dichloropropane	10.79	76	105082	19.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	187935	97.306	ug/l	98
59) 2-Hexanone	10.83	43	187530	82.656	ug/l	96
60) Dibromochloromethane	10.99	129	62381	18.068	ug/l	98
61) 1,2-Dibromoethane	11.09	107	54891	18.940	ug/l	94
64) Tetrachloroethene	10.72	164	83061	20.547	ug/l	95
65) Chlorobenzene	11.52	112	201071	20.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	69381	20.183	ug/l	100
67) Ethyl Benzene	11.59	91	385365	21.125	ug/l	96
68) m/p-Xylenes	11.70	106	288511	40.863	ug/l	98
69) o-Xylene	12.03	106	135594	20.434	ug/l	99
70) Styrene	12.04	104	225435	19.840	ug/l	98
71) Bromoform	12.20	173	37257	18.843	ug/l #	97
73) Isopropylbenzene	12.33	105	366142	21.237	ug/l	100
74) N-amyl acetate	12.14	43	91011	18.432	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	64646	18.937	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	47821m	18.004	ug/l	
77) Bromobenzene	12.61	156	80689	20.638	ug/l	98
78) n-propylbenzene	12.67	91	451002	21.681	ug/l	100
79) 2-Chlorotoluene	12.75	91	248329	21.503	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	307895	21.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23304	19.672	ug/l	96
82) 4-Chlorotoluene	12.85	91	256092	21.393	ug/l	97
83) tert-Butylbenzene	13.07	119	262617	21.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	309449	21.645	ug/l	99
85) sec-Butylbenzene	13.25	105	376822	21.573	ug/l	98
86) p-Isopropyltoluene	13.37	119	330517	21.231	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	157871	20.616	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	157794	20.621	ug/l	99
89) n-Butylbenzene	13.69	91	334559	21.789	ug/l	99
90) Hexachloroethane	13.96	117	57573	20.005	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	139677	20.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10179	16.849	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
Data File : VY000784.D
Acq On : 22 Nov 2019 11:43
Operator : SY/MD
Sample : VY1122SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

Manual Integrations
APPROVED

MMDadoda
11/26/2019 1:33:59 AM

Quant Time: Nov 23 04:34:01 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)
93) 1,2,4-Trichlorobenzene	15.00	180	97186	20.543	ug/l	97
94) Hexachlorobutadiene	15.11	225	49548	20.318	ug/l	98
95) Naphthalene	15.23	128	213464	20.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	87534	20.624	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
Data File : VY000784.D
Acq On : 22 Nov 2019 11:43
Operator : SY/MD
Sample : VY1122SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

Manual Integrations
APPROVED

MMDadoda
11/26/2019 1:33:59 AM

Quant Time: Nov 23 04:34:01 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

