

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111919\
 Data File : VY000740.D
 Acq On : 19 Nov 2019 13:02
 Operator : SY/MD
 Sample : VY1119SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:57:27 AM

Quant Time: Nov 19 15:45:21 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	221144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	376237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	332612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	169590	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	122111	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	7.73	113	106413	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.18	98	428001	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.48	95	153230	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	40344	18.533	ug/l	97
3) Chloromethane	2.12	50	57191	19.071	ug/l	99
4) Vinyl Chloride	2.25	62	53834	19.331	ug/l	96
5) Bromomethane	2.63	94	39020	23.366	ug/l	92
6) Chloroethane	2.79	64	35579	20.414	ug/l	96
7) Trichlorofluoromethane	3.13	101	76450	20.328	ug/l	89
8) Diethyl Ether	3.53	74	27836	20.831	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	45705	20.102	ug/l	99
10) Methyl Iodide	4.09	142	51304	19.245	ug/l	99
11) Tert butyl alcohol	4.97	59	23508	105.523	ug/l #	89
12) 1,1-Dichloroethene	3.87	96	44508	20.149	ug/l	90
13) Acrolein	3.73	56	14653	75.511	ug/l	99
14) Allyl chloride	4.49	41	76988	21.434	ug/l	99
15) Acrylonitrile	5.17	53	75210	109.868	ug/l	99
16) Acetone	3.96	43	55801	88.467	ug/l	98
17) Carbon Disulfide	4.19	76	131897	18.931	ug/l	99
18) Methyl Acetate	4.48	43	43999	22.435	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	128456	20.915	ug/l	99
20) Methylene Chloride	4.72	84	53909	19.946	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	50234	20.115	ug/l	97
22) Diisopropyl ether	6.13	45	171732	21.997	ug/l	95
23) Vinyl Acetate	6.07	43	533941	108.341	ug/l	99
24) 1,1-Dichloroethane	6.03	63	89003	21.043	ug/l	97
25) 2-Butanone	7.00	43	103620	102.937	ug/l	90
26) 2,2-Dichloropropane	6.99	77	77572	20.069	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	56519	20.697	ug/l	97
28) Bromochloromethane	7.34	49	22419	14.764	ug/l	92
29) Tetrahydrofuran	7.35	42	68539	111.296	ug/l	98
30) Chloroform	7.52	83	93311	21.809	ug/l	97
31) Cyclohexane	7.79	56	87985	19.862	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	79188	20.767	ug/l	98
36) 1,1-Dichloropropene	7.93	75	71379	20.069	ug/l	98
37) Ethyl Acetate	7.08	43	43746	20.716	ug/l	98
38) Carbon Tetrachloride	7.91	117	67950	19.854	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111919\
 Data File : VY000740.D
 Acq On : 19 Nov 2019 13:02
 Operator : SY/MD
 Sample : VY1119SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:57:27 AM

Quant Time: Nov 19 15:45:21 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	88648	19.292	ug/l	95
40) Benzene	8.17	78	210734	20.209	ug/l	100
41) Methacrylonitrile	7.33	41	30666m	26.032	ug/l	
42) 1,2-Dichloroethane	8.24	62	62045	20.979	ug/l	99
43) Isopropyl Acetate	8.28	43	83529	21.057	ug/l	98
44) Trichloroethene	8.94	130	56621	20.594	ug/l	97
45) 1,2-Dichloropropane	9.22	63	53315	20.774	ug/l	94
46) Dibromomethane	9.31	93	29193	20.683	ug/l	99
47) Bromodichloromethane	9.50	83	69087	20.629	ug/l	99
48) Methyl methacrylate	9.30	41	36916	21.300	ug/l	95
49) 1,4-Dioxane	9.30	88	8685	457.205	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	225061	106.713	ug/l	98
52) Toluene	10.25	92	134674	20.428	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	73404	20.513	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	84671	20.654	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	42683	20.908	ug/l #	94
56) Ethyl methacrylate	10.51	69	60468	20.898	ug/l	98
57) 1,3-Dichloropropane	10.79	76	75625	21.166	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	130772	99.971	ug/l	98
59) 2-Hexanone	10.83	43	156363	101.757	ug/l	99
60) Dibromochloromethane	10.99	129	48264	20.640	ug/l	96
61) 1,2-Dibromoethane	11.09	107	41293	21.037	ug/l	98
64) Tetrachloroethene	10.72	164	57976	21.080	ug/l	92
65) Chlorobenzene	11.52	112	137780	20.431	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	49938	21.352	ug/l	98
67) Ethyl Benzene	11.59	91	260187	20.964	ug/l	97
68) m/p-Xylenes	11.70	106	196957	41.002	ug/l	98
69) o-Xylene	12.03	106	91920	20.361	ug/l	99
70) Styrene	12.04	104	159445	20.625	ug/l	99
71) Bromoform	12.20	173	26751	19.886	ug/l #	94
73) Isopropylbenzene	12.33	105	246522	19.668	ug/l	98
74) N-amyl acetate	12.14	43	75956	21.159	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	50354	20.290	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	36111m	18.701	ug/l	
77) Bromobenzene	12.61	156	57845	20.351	ug/l	97
78) n-propylbenzene	12.67	91	304136	20.110	ug/l	100
79) 2-Chlorotoluene	12.75	91	165750	19.742	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	209812	20.099	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17744	20.603	ug/l	96
82) 4-Chlorotoluene	12.85	91	176348	20.263	ug/l	100
83) tert-Butylbenzene	13.07	119	178642	20.043	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	213229	20.515	ug/l	99
85) sec-Butylbenzene	13.25	105	257885	20.308	ug/l	99
86) p-Isopropyltoluene	13.37	119	226796	20.039	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	112623	20.230	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	112953	20.304	ug/l	99
89) n-Butylbenzene	13.69	91	224317	20.095	ug/l	98
90) Hexachloroethane	13.95	117	41514	19.841	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	101676	20.129	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8717	19.847	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111919\
Data File : VY000740.D
Acq On : 19 Nov 2019 13:02
Operator : SY/MD
Sample : VY1119SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBSD01

Manual Integrations
APPROVED

MMDadoda
11/20/2019 9:57:27 AM

Quant Time: Nov 19 15:45:21 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	15.00	180	70279	20.434	ug/l	98
94) Hexachlorobutadiene	15.11	225	36380	20.520	ug/l	98
95) Naphthalene	15.23	128	155907	20.420	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	63820	20.683	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111919\
Data File : VY000740.D
Acq On : 19 Nov 2019 13:02
Operator : SY/MD
Sample : VY1119SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Manual Integrations
APPROVED

MM Dadoda
11/20/2019 9:57:27 AM

Quant Time: Nov 19 15:45:21 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

