

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015104.D
 Acq On : 09 Mar 2020 18:15
 Operator : SY/VA
 Sample : L1161-02 5PPBL00
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:24:18 PM

Quant Time: Mar 10 18:58:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 10 18:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	388949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	743642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	654357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	290375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	316438	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
35) Dibromofluoromethane	7.88	113	231942	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.32	98	964785	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.62	95	315783	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11166	4.734	ug/l	98
3) Chloromethane	2.21	50	29067	5.743	ug/l	95
4) Vinyl Chloride	2.36	62	34460	5.201	ug/l	95
5) Bromomethane	2.78	94	18929	4.998	ug/l	99
6) Chloroethane	2.92	64	20089	5.235	ug/l	97
7) Trichlorofluoromethane	3.26	101	16845	5.080	ug/l	95
8) Diethyl Ether	3.68	74	13422	5.312	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26220	5.187	ug/l	98
10) Methyl Iodide	4.27	142	28711	5.106	ug/l #	94
11) Tert butyl alcohol	5.16	59	14381	43.754	ug/l	98
12) 1,1-Dichloroethene	4.03	96	24513	4.960	ug/l	98
13) Acrolein	3.89	56	13410	27.897	ug/l	92
14) Allyl chloride	4.67	41	48507	4.898	ug/l	97
15) Acrylonitrile	5.37	53	34864	26.921	ug/l	98
16) Acetone	4.12	43	38642	29.627	ug/l	97
17) Carbon Disulfide	4.38	76	88556	5.054	ug/l	99
18) Methyl Acetate	4.67	43	17574	5.684	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	33878	5.355	ug/l #	88
20) Methylene Chloride	4.91	84	49829	8.252	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	26737	5.096	ug/l	96
22) Diisopropyl ether	6.31	45	92390	4.862	ug/l	93
23) Vinyl Acetate	6.26	43	259255	23.112	ug/l	99
24) 1,1-Dichloroethane	6.21	63	59422	5.362	ug/l	98
25) 2-Butanone	7.17	43	49040	27.427	ug/l	99
26) 2,2-Dichloropropane	7.17	77	37602	5.933	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	27486	5.032	ug/l	89
28) Bromochloromethane	7.51	49	28734	5.412	ug/l	97
29) Tetrahydrofuran	7.53	42	29005	25.934	ug/l	98
30) Chloroform	7.68	83	52466	5.335	ug/l	95
31) Cyclohexane	7.95	56	65143	5.716	ug/l #	77
32) 1,1,1-Trichloroethane	7.87	97	41265	5.374	ug/l	96
36) 1,1-Dichloropropene	8.08	75	43938	5.095	ug/l	99
37) Ethyl Acetate	7.25	43	23637	5.499	ug/l	99
38) Carbon Tetrachloride	8.06	117	34200	4.872	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015104.D
 Acq On : 09 Mar 2020 18:15
 Operator : SY/VA
 Sample : L1161-02 5PPBL00
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:24:18 PM

Quant Time: Mar 10 18:58:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 10 18:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	46254	4.691	ug/l	97
40) Benzene	8.32	78	124588	5.199	ug/l	97
41) Methacrylonitrile	7.48	41	9952	4.378	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	39696	5.437	ug/l	98
43) Isopropyl Acetate	8.42	43	41462	5.381	ug/l	99
44) Trichloroethene	9.09	130	24964	4.893	ug/l	99
45) 1,2-Dichloropropane	9.37	63	33758	5.230	ug/l	99
46) Dibromomethane	9.46	93	14528	5.177	ug/l	97
47) Bromodichloromethane	9.64	83	37844	5.051	ug/l	96
48) Methyl methacrylate	9.43	41	16784	4.720	ug/l	96
49) 1,4-Dioxane	9.45	88	4078	94.910	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	103280	24.266	ug/l	99
52) Toluene	10.38	92	69280	5.032	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	35098	4.762	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	42231	4.703	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	20531	5.339	ug/l	97
56) Ethyl methacrylate	10.64	69	21834	4.400	ug/l	96
57) 1,3-Dichloropropane	10.93	76	36838	5.032	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	66047	22.686	ug/l	100
59) 2-Hexanone	10.96	43	61212	23.025	ug/l	96
60) Dibromochloromethane	11.13	129	18963	4.775	ug/l	97
61) 1,2-Dibromoethane	11.23	107	17508	5.136	ug/l	100
64) Tetrachloroethene	10.86	164	18783	4.974	ug/l	92
65) Chlorobenzene	11.65	112	67034	5.104	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	21650	4.950	ug/l	98
67) Ethyl Benzene	11.73	91	120888	4.730	ug/l	95
68) m/p-Xylenes	11.84	106	81419	9.011	ug/l	96
69) o-Xylene	12.16	106	36593	4.496	ug/l	98
70) Styrene	12.18	104	59829	4.290	ug/l	100
71) Bromoform	12.34	173	9293	4.788	ug/l #	100
73) Isopropylbenzene	12.46	105	99655	4.493	ug/l	99
74) N-amyl acetate	12.27	43	29469	4.495	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	25098	5.572	ug/l	97
76) 1,2,3-Trichloropropane	12.76	75	18941m	5.772	ug/l	
77) Bromobenzene	12.74	156	22876	5.218	ug/l	98
78) n-propylbenzene	12.80	91	139877	4.852	ug/l	100
79) 2-Chlorotoluene	12.89	91	78854	4.865	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	86192	4.519	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	7013	4.827	ug/l	92
82) 4-Chlorotoluene	12.99	91	82336	4.770	ug/l	99
83) tert-Butylbenzene	13.20	119	68469	4.432	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	84972	4.456	ug/l	98
85) sec-Butylbenzene	13.38	105	107234	4.586	ug/l	99
86) p-Isopropyltoluene	13.49	119	88798	4.418	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	45348	4.882	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	46915	5.129	ug/l	91
89) n-Butylbenzene	13.82	91	96797	4.466	ug/l	96
90) Hexachloroethane	14.09	117	20588	5.107	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	39672	4.876	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	4115	5.689	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015104.D
 Acq On : 09 Mar 2020 18:15
 Operator : SY/VA
 Sample : L1161-02 5PPBL00
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:24:18 PM

Quant Time: Mar 10 18:58:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 10 18:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	19027	4.087	ug/l	98
94) Hexachlorobutadiene	15.23	225	14270	4.882	ug/l	99
95) Naphthalene	15.36	128	29534	3.397	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	17043	4.127	ug/l	98

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

