

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102319\
 Data File : VW013684.D
 Acq On : 23 Oct 2019 22:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 1:26:22 PM

Quant Time: Oct 24 08:30:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	310346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	190393	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	127842	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
35) Dibromofluoromethane	7.88	113	126729	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	10.32	98	524705	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	176551	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	66753	40.828	ug/l 95
3) Chloromethane	2.21	50	76062	43.287	ug/l 99
4) Vinyl Chloride	2.37	62	127846	48.178	ug/l 99
5) Bromomethane	2.78	94	82576	47.315	ug/l 99
6) Chloroethane	2.92	64	78064	48.617	ug/l 100
7) Trichlorofluoromethane	3.26	101	81433	49.130	ug/l 99
8) Diethyl Ether	3.68	74	68204	50.932	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	130752	48.525	ug/l 97
10) Methyl Iodide	4.28	142	215297	49.033	ug/l 100
11) Tert butyl alcohol	5.20	59	37433	269.336	ug/l 99
12) 1,1-Dichloroethene	4.04	96	135609	48.722	ug/l 97
13) Acrolein	3.89	56	42662	267.932	ug/l 99
14) Allyl chloride	4.67	41	211828	49.495	ug/l 99
15) Acrylonitrile	5.37	53	150217	275.874	ug/l 99
16) Acetone	4.13	43	125605	254.451	ug/l 93
17) Carbon Disulfide	4.39	76	395783	49.514	ug/l 98
18) Methyl Acetate	4.67	43	77378	57.183	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	179820	53.838	ug/l 98
20) Methylene Chloride	4.92	84	140992	52.114	ug/l 97
21) trans-1,2-Dichloroethene	5.43	96	148320	49.511	ug/l 99
22) Diisopropyl ether	6.31	45	393008	50.341	ug/l 96
23) Vinyl Acetate	6.26	43	1173855	259.138	ug/l 100
24) 1,1-Dichloroethane	6.21	63	242373	49.021	ug/l 99
25) 2-Butanone	7.17	43	189951	267.654	ug/l 98
26) 2,2-Dichloropropane	7.16	77	135333	47.335	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	156956	49.328	ug/l 98
28) Bromochloromethane	7.51	49	92504	52.445	ug/l # 7
29) Tetrahydrofuran	7.53	42	123463	281.000	ug/l 100
30) Chloroform	7.68	83	238690	48.836	ug/l 97
31) Cyclohexane	7.96	56	246036	47.550	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	195792	51.047	ug/l 99
36) 1,1-Dichloropropene	8.09	75	203544	49.632	ug/l 98
37) Ethyl Acetate	7.25	43	84567	53.869	ug/l 99
38) Carbon Tetrachloride	8.07	117	186144	50.404	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102319\
 Data File : VW013684.D
 Acq On : 23 Oct 2019 22:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 1:26:22 PM

Quant Time: Oct 24 08:30:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	268947	50.782	ug/l	99
40) Benzene	8.32	78	573334	49.400	ug/l	99
41) Methacrylonitrile	7.48	41	48769	49.817	ug/l	96
42) 1,2-Dichloroethane	8.40	62	148606	50.812	ug/l	98
43) Isopropyl Acetate	8.43	43	160412	53.382	ug/l	100
44) Trichloroethene	9.09	130	161805	48.670	ug/l	98
45) 1,2-Dichloropropane	9.37	63	136885	49.378	ug/l	99
46) Dibromomethane	9.46	93	69734	51.828	ug/l	98
47) Bromodichloromethane	9.65	83	174875	50.232	ug/l	97
48) Methyl methacrylate	9.43	41	82108	55.100	ug/l	99
49) 1,4-Dioxane	9.46	88	22175	1115.314	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	411183	275.368	ug/l	99
52) Toluene	10.39	92	366503	48.956	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	179042	50.802	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	215759	49.621	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	102989	51.360	ug/l	98
56) Ethyl methacrylate	10.65	69	135776	54.120	ug/l	99
57) 1,3-Dichloropropane	10.93	76	176972	51.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	335709	290.748	ug/l	99
59) 2-Hexanone	10.97	43	282932	274.848	ug/l	98
60) Dibromochloromethane	11.13	129	122809	51.582	ug/l	100
61) 1,2-Dibromoethane	11.24	107	99834	52.625	ug/l	99
64) Tetrachloroethene	10.86	164	150460	52.153	ug/l	99
65) Chlorobenzene	11.66	112	381597	49.180	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	134711	49.746	ug/l	99
67) Ethyl Benzene	11.73	91	697155	49.828	ug/l	99
68) m/p-Xylenes	11.84	106	535512	99.067	ug/l	98
69) o-Xylene	12.16	106	245287	49.367	ug/l	100
70) Styrene	12.18	104	436312	51.110	ug/l	99
71) Bromoform	12.35	173	75897	53.408	ug/l #	98
73) Isopropylbenzene	12.46	105	698189	51.064	ug/l	99
74) N-amyl acetate	12.27	43	146303	55.315	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	114852	53.231	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	76094m	55.653	ug/l	
77) Bromobenzene	12.74	156	162555	49.768	ug/l	98
78) n-propylbenzene	12.80	91	795694	50.280	ug/l	100
79) 2-Chlorotoluene	12.89	91	450627	50.670	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	577464	50.032	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38585	53.332	ug/l	99
82) 4-Chlorotoluene	12.99	91	459125	49.175	ug/l	99
83) tert-Butylbenzene	13.21	119	518505	50.609	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	571233	50.172	ug/l	99
85) sec-Butylbenzene	13.38	105	709556	50.646	ug/l	99
86) p-Isopropyltoluene	13.50	119	654688	50.166	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	313274	49.503	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	304578	48.446	ug/l	99
89) n-Butylbenzene	13.82	91	587987	49.915	ug/l	100
90) Hexachloroethane	14.09	117	113662	50.107	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	276020	50.303	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17450	53.484	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
Data File : VW013684.D
Acq On : 23 Oct 2019 22:43
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/24/2019 1:26:22 PM

Quant Time: Oct 24 08:30:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	195130	48.864	ug/l	99
94) Hexachlorobutadiene	15.24	225	129957	48.206	ug/l	99
95) Naphthalene	15.36	128	343224	54.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	171938	49.968	ug/l	99

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

