

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010451.D
 Acq On : 20 May 2019 16:28
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 11:28:45 AM

Quant Time: May 21 06:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:23:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	253921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	227385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111008	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	76804	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
35) Dibromofluoromethane	7.88	113	78760	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	10.32	98	302764	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.62	95	116457	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	68718	54.288	ug/l	100
3) Chloromethane	2.21	50	81052	47.457	ug/l	100
4) Vinyl Chloride	2.36	62	91511	50.825	ug/l	100
5) Bromomethane	2.75	94	61636	58.544	ug/l	100
6) Chloroethane	2.91	64	60340	53.546	ug/l	100
7) Trichlorofluoromethane	3.25	101	132610	52.937	ug/l	100
8) Diethyl Ether	3.68	74	42321	48.376	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	81536	51.464	ug/l	100
10) Methyl Iodide	4.27	142	98955	55.136	ug/l	100
11) Tert butyl alcohol	5.17	59	32059	222.944	ug/l	100
12) 1,1-Dichloroethene	4.04	96	78200	52.061	ug/l	100
13) Acrolein	3.89	56	17269	160.425	ug/l	100
14) Allyl chloride	4.67	41	114016	49.571	ug/l	100
15) Acrylonitrile	5.37	53	86811	234.871	ug/l	100
16) Acetone	4.12	43	79830	272.073	ug/l	100
17) Carbon Disulfide	4.37	76	240242	55.148	ug/l	100
18) Methyl Acetate	4.67	43	34681	39.623	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	200202	47.605	ug/l	100
20) Methylene Chloride	4.92	84	94704	53.413	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	89840	51.444	ug/l	100
22) Diisopropyl ether	6.31	45	233479	47.975	ug/l	100
23) Vinyl Acetate	6.26	43	705071	234.327	ug/l	100
24) 1,1-Dichloroethane	6.21	63	141081	49.625	ug/l	100
25) 2-Butanone	7.17	43	108943	227.852	ug/l	100
26) 2,2-Dichloropropane	7.17	77	132039	50.992	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	98211	50.471	ug/l	100
28) Bromochloromethane	7.51	49	50649	48.430	ug/l	100
29) Tetrahydrofuran	7.53	42	72844	225.158	ug/l	100
30) Chloroform	7.68	83	151594	50.651	ug/l	100
31) Cyclohexane	7.95	56	139687	48.648	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	143395	50.709	ug/l	100
36) 1,1-Dichloropropene	8.08	75	119521	52.266	ug/l	100
37) Ethyl Acetate	7.25	43	50503	47.246	ug/l	100
38) Carbon Tetrachloride	8.07	117	130483	52.867	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010451.D
 Acq On : 20 May 2019 16:28
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 11:28:45 AM

Quant Time: May 21 06:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:23:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	162496	53.045	ug/l	100
40) Benzene	8.32	78	336743	51.752	ug/l	100
41) Methacrylonitrile	7.48	41	28409	45.614	ug/l	100
42) 1,2-Dichloroethane	8.40	62	95193	49.635	ug/l	100
43) Isopropyl Acetate	8.43	43	100092	46.251	ug/l	100
44) Trichloroethene	9.09	130	99784	53.329	ug/l	100
45) 1,2-Dichloropropane	9.37	63	79846	50.559	ug/l	100
46) Dibromomethane	9.46	93	46592	50.137	ug/l	100
47) Bromodichloromethane	9.65	83	118020	50.872	ug/l	100
48) Methyl methacrylate	9.43	41	46067	46.053	ug/l	100
49) 1,4-Dioxane	9.45	88	14649	1064.950	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	254260	229.367	ug/l	100
52) Toluene	10.39	92	223675	51.764	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	119044	49.948	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	136129	50.230	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	66905	49.912	ug/l	100
56) Ethyl methacrylate	10.65	69	92128	49.217	ug/l	100
57) 1,3-Dichloropropane	10.93	76	112289	49.906	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	195889	224.713	ug/l	100
59) 2-Hexanone	10.97	43	181039	233.806	ug/l	100
60) Dibromochloromethane	11.13	129	85042	50.993	ug/l	100
61) 1,2-Dibromoethane	11.24	107	68240	50.129	ug/l	100
64) Tetrachloroethene	10.86	164	80329	52.837	ug/l	100
65) Chlorobenzene	11.66	112	242755	51.934	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	88597	51.412	ug/l	100
67) Ethyl Benzene	11.73	91	431294	52.236	ug/l	100
68) m/p-Xylenes	11.84	106	338881	104.806	ug/l	100
69) o-Xylene	12.17	106	160431	52.154	ug/l	100
70) Styrene	12.18	104	273556	51.730	ug/l	100
71) Bromoform	12.35	173	48433	50.574	ug/l #	100
73) Isopropylbenzene	12.47	105	438927	50.362	ug/l	100
74) N-amyl acetate	12.27	43	98348	45.067	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	77203	45.689	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	53922m	45.770	ug/l	
77) Bromobenzene	12.75	156	99236	50.535	ug/l	100
78) n-propylbenzene	12.80	91	506171	50.197	ug/l	100
79) 2-Chlorotoluene	12.90	91	292909	49.784	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	372450	50.328	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	26689	44.710	ug/l	100
82) 4-Chlorotoluene	12.99	91	304463	49.641	ug/l	100
83) tert-Butylbenzene	13.21	119	323105	51.485	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	371183	50.880	ug/l	100
85) sec-Butylbenzene	13.38	105	452505	51.262	ug/l	100
86) p-Isopropyltoluene	13.50	119	414261	51.825	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	194423	51.367	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	197573	52.303	ug/l	100
89) n-Butylbenzene	13.83	91	395174	51.885	ug/l	100
90) Hexachloroethane	14.10	117	81121	50.667	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	176580	51.513	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14564	46.215	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
Data File : VW010451.D
Acq On : 20 May 2019 16:28
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
5/21/2019 11:28:45 AM

Quant Time: May 21 06:36:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:23:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	125880	55.595	ug/l	100
94) Hexachlorobutadiene	15.24	225	68040	56.012	ug/l	100
95) Naphthalene	15.37	128	261429	51.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	108598	54.571	ug/l	100

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

