

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010335.D
 Acq On : 09 May 2019 13:31
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 10:07:31 AM

Quant Time: May 09 13:52:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:10:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1286079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2057269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1828459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	869966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	2051724	129.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	258.56%	
35) Dibromofluoromethane	7.88	113	1806346	138.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	276.22%	
50) Toluene-d8	10.32	98	7358248	150.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	300.26%	
62) 4-Bromofluorobenzene	12.62	95	2634571	147.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	295.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	1502348	153.206	ug/l	97
3) Chloromethane	2.22	50	2102075	214.358	ug/l	96
4) Vinyl Chloride	2.37	62	2463487	216.117	ug/l	99
5) Bromomethane	2.77	94	1391218	181.610	ug/l	100
6) Chloroethane	2.92	64	1468737	197.201	ug/l	96
7) Trichlorofluoromethane	3.25	101	1377669	174.804	ug/l	97
8) Diethyl Ether	3.67	74	1072582	163.608	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.05	101	1960554	147.836	ug/l	98
10) Methyl Iodide	4.26	142	2903846	158.448	ug/l	93
11) Tert butyl alcohol	5.18	59	770301	852.084	ug/l	98
12) 1,1-Dichloroethene	4.03	96	2140246	168.338	ug/l	95
13) Acrolein	3.89	56	902846	949.304	ug/l	98
14) Allyl chloride	4.65	41	3250273	143.793	ug/l	90
15) Acrylonitrile	5.36	53	3114307	923.086	ug/l	99
16) Acetone	4.12	43	2796495	759.425	ug/l	95
17) Carbon Disulfide	4.37	76	6532546	187.309	ug/l	99
18) Methyl Acetate	4.67	43	1393468	163.504	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	2644796	160.156	ug/l	100
20) Methylene Chloride	4.91	84	2081459	122.864	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	2278109	165.468	ug/l	98
22) Diisopropyl ether	6.31	45	6159164	134.333	ug/l	92
23) Vinyl Acetate	6.25	43	22324513	773.461	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	4116042	150.171	ug/l	99
25) 2-Butanone	7.17	43	4503802	931.071	ug/l	96
26) 2,2-Dichloropropane	7.16	77	1968688	129.824	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	2419893	159.818	ug/l	96
28) Bromochloromethane	7.51	49	1471257	131.348	ug/l	99
29) Tetrahydrofuran	7.52	42	2892114	943.586	ug/l	95
30) Chloroform	7.67	83	3791659	138.057	ug/l	98
31) Cyclohexane	7.95	56	4038930	157.362	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	2949416	136.796	ug/l	99
36) 1,1-Dichloropropene	8.08	75	3337579	158.822	ug/l	100
37) Ethyl Acetate	7.25	43	1890129	177.004	ug/l	97
38) Carbon Tetrachloride	8.06	117	2880358	140.440	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010335.D
 Acq On : 09 May 2019 13:31
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 10:07:31 AM

Quant Time: May 09 13:52:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:10:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	4311683	182.332	ug/l	97
40) Benzene	8.32	78	8974802	156.193	ug/l	99
41) Methacrylonitrile	7.48	41	1131967	185.995	ug/l	95
42) 1,2-Dichloroethane	8.40	62	2604177	131.880	ug/l	96
43) Isopropyl Acetate	8.42	43	3299514	164.891	ug/l	99
44) Trichloroethene	9.09	130	2300393	157.625	ug/l	98
45) 1,2-Dichloropropane	9.37	63	2275617	150.670	ug/l	98
46) Dibromomethane	9.46	93	1177263	150.392	ug/l	98
47) Bromodichloromethane	9.64	83	2893077	143.170	ug/l	100
48) Methyl methacrylate	9.43	41	1600908	164.355	ug/l	86
49) 1,4-Dioxane	9.45	88	438451	3665.663	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	9105723	868.824	ug/l	92
52) Toluene	10.38	92	5600354	156.466	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	3119771	155.720	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	3621485	158.305	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	1671717	153.006	ug/l	99
56) Ethyl methacrylate	10.65	69	2569466	189.173	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	3038327	155.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	5967824	954.072	ug/l	100
59) 2-Hexanone	10.97	43	6696749	917.919	ug/l	90
60) Dibromochloromethane	11.13	129	1887259	149.450	ug/l	100
61) 1,2-Dibromoethane	11.23	107	1650329	158.785	ug/l	97
64) Tetrachloroethene	10.86	164	1934310	162.961	ug/l	98
65) Chlorobenzene	11.66	112	5654183	151.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	1954686	146.057	ug/l	98
67) Ethyl Benzene	11.73	91	10596403	158.700	ug/l	96
68) m/p-Xylenes	11.84	106	7938706	318.071	ug/l	93
69) o-Xylene	12.16	106	3747337	164.892	ug/l	95
70) Styrene	12.18	104	6464378	164.975	ug/l	99
71) Bromoform	12.35	173	1169261	165.226	ug/l #	98
73) Isopropylbenzene	12.46	105	10140696	167.482	ug/l	98
74) N-amyl acetate	12.27	43	2938017	175.221	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	2169869	181.392	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	1574312m	180.809	ug/l	
77) Bromobenzene	12.75	156	2262782	162.496	ug/l	98
78) n-propylbenzene	12.80	91	12011558	160.065	ug/l	98
79) 2-Chlorotoluene	12.90	91	6978317	161.691	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	8382881	163.291	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	801496	217.053	ug/l	87
82) 4-Chlorotoluene	12.99	91	7201613	158.547	ug/l	100
83) tert-Butylbenzene	13.21	119	7162312	168.473	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	8330258	160.045	ug/l	98
85) sec-Butylbenzene	13.38	105	10195357	160.477	ug/l	98
86) p-Isopropyltoluene	13.50	119	9195758	164.219	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	4331728	153.885	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	4256833	151.504	ug/l	99
89) n-Butylbenzene	13.83	91	9191820	165.685	ug/l	96
90) Hexachloroethane	14.10	117	1721629	160.522	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	3826676	151.615	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	414797	193.763	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
Data File : VW010335.D
Acq On : 09 May 2019 13:31
Operator : SY/VA
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
5/10/2019 10:07:31 AM

Quant Time: May 09 13:52:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Thu May 09 13:10:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	2833466	170.168	ug/l	100
94) Hexachlorobutadiene	15.24	225	1719291	170.035	ug/l	99
95) Naphthalene	15.37	128	6348976	212.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	2537738	175.667	ug/l	99

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

