

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010449.D
 Acq On : 20 May 2019 15:36
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 11:28:35 AM

Quant Time: May 21 06:34:36 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	147628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	258682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	227724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	16298	10.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.50%	
35) Dibromofluoromethane	7.88	113	16301	10.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.56%	
50) Toluene-d8	10.32	98	64287	10.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.68%	
62) 4-Bromofluorobenzene	12.62	95	25264	10.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.68%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	12412	9.816	ug/l 96
3) Chloromethane	2.21	50	15172	8.893	ug/l 95
4) Vinyl Chloride	2.35	62	17438	9.696	ug/l 98
5) Bromomethane	2.75	94	12762	12.135	ug/l 99
6) Chloroethane	2.91	64	11334	10.069	ug/l 97
7) Trichlorofluoromethane	3.25	101	26482	10.583	ug/l 97
8) Diethyl Ether	3.68	74	8450	9.669	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16865	10.656	ug/l 98
10) Methyl Iodide	4.27	142	16579	9.248	ug/l 99
11) Tert butyl alcohol	5.17	59	7569	52.693	ug/l # 89
12) 1,1-Dichloroethene	4.03	96	15736	10.487	ug/l 96
13) Acrolein	3.90	56	5642	52.470	ug/l 95
14) Allyl chloride	4.67	41	22735	9.895	ug/l 97
15) Acrylonitrile	5.36	53	17796	48.200	ug/l 98
16) Acetone	4.12	43	14692	50.127	ug/l 92
17) Carbon Disulfide	4.37	76	45754	10.514	ug/l 100
18) Methyl Acetate	4.67	43	8005	9.156	ug/l 94
19) Methyl tert-butyl Ether	5.43	73	40309	9.595	ug/l 98
20) Methylene Chloride	4.91	84	25513	14.405	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	17904	10.263	ug/l 94
22) Diisopropyl ether	6.31	45	47076	9.684	ug/l 95
23) Vinyl Acetate	6.26	43	137775	45.839	ug/l 100
24) 1,1-Dichloroethane	6.21	63	27919	9.831	ug/l 97
25) 2-Butanone	7.17	43	22370	46.837	ug/l 96
26) 2,2-Dichloropropane	7.17	77	26988	10.434	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	20024	10.302	ug/l 99
28) Bromochloromethane	7.51	49	10651	10.195	ug/l 99
29) Tetrahydrofuran	7.53	42	15101	46.727	ug/l 98
30) Chloroform	7.68	83	30439	10.181	ug/l 98
31) Cyclohexane	7.95	56	30647	10.685	ug/l # 85
32) 1,1,1-Trichloroethane	7.87	97	29369	10.397	ug/l 100
36) 1,1-Dichloropropene	8.08	75	24608	10.563	ug/l 100
37) Ethyl Acetate	7.26	43	10143	9.314	ug/l 99
38) Carbon Tetrachloride	8.07	117	26279	10.451	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010449.D
 Acq On : 20 May 2019 15:36
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 11:28:35 AM

Quant Time: May 21 06:34:36 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	32875	10.534	ug/l	97
40) Benzene	8.32	78	68114	10.275	ug/l	97
41) Methacrylonitrile	7.48	41	5611	8.843	ug/l	96
42) 1,2-Dichloroethane	8.40	62	19406	9.932	ug/l	100
43) Isopropyl Acetate	8.42	43	20011	9.077	ug/l	98
44) Trichloroethene	9.09	130	20381	10.692	ug/l	96
45) 1,2-Dichloropropane	9.37	63	15839	9.845	ug/l	97
46) Dibromomethane	9.46	93	9336	9.861	ug/l	99
47) Bromodichloromethane	9.65	83	23374	9.890	ug/l	95
48) Methyl methacrylate	9.44	41	10065	9.877	ug/l	89
49) 1,4-Dioxane	9.45	88	3250	231.919	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	52163	46.190	ug/l	99
52) Toluene	10.39	92	45675	10.376	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	23599	9.719	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	27433	9.936	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13211	9.674	ug/l	95
56) Ethyl methacrylate	10.65	69	18599	9.753	ug/l	98
57) 1,3-Dichloropropane	10.93	76	22601	9.860	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	42711	48.094	ug/l	99
59) 2-Hexanone	10.97	43	38075	48.268	ug/l	100
60) Dibromochloromethane	11.13	129	16562	9.748	ug/l	99
61) 1,2-Dibromoethane	11.24	107	13461	9.706	ug/l	98
64) Tetrachloroethene	10.86	164	16071	10.555	ug/l	93
65) Chlorobenzene	11.66	112	49123	10.494	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	17984	10.420	ug/l	99
67) Ethyl Benzene	11.73	91	88388	10.689	ug/l	99
68) m/p-Xylenes	11.84	106	68994	21.306	ug/l	99
69) o-Xylene	12.17	106	32663	10.602	ug/l	99
70) Styrene	12.18	104	54402	10.272	ug/l	99
71) Bromoform	12.35	173	9223	9.616	ug/l #	99
73) Isopropylbenzene	12.47	105	89190	10.734	ug/l	100
74) N-amyl acetate	12.27	43	20247	9.732	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	16835	10.450	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	11781m	10.489	ug/l	
77) Bromobenzene	12.75	156	19393	10.359	ug/l	93
78) n-propylbenzene	12.80	91	103466	10.763	ug/l	98
79) 2-Chlorotoluene	12.90	91	60884	10.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	75047	10.637	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	5430	9.541	ug/l	95
82) 4-Chlorotoluene	12.99	91	62922	10.761	ug/l	99
83) tert-Butylbenzene	13.21	119	64802	10.831	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	75935	10.918	ug/l	98
85) sec-Butylbenzene	13.38	105	92433	10.983	ug/l	100
86) p-Isopropyltoluene	13.50	119	83298	10.930	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	39154	10.851	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	38979	10.823	ug/l	94
89) n-Butylbenzene	13.83	91	78700	10.838	ug/l	99
90) Hexachloroethane	14.10	117	15928	10.435	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	35341	10.814	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3372	11.223	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
Data File : VW010449.D
Acq On : 20 May 2019 15:36
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

MMDadoda
5/21/2019 11:28:35 AM

Quant Time: May 21 06:34:36 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	24133	11.180	ug/l	99
94) Hexachlorobutadiene	15.24	225	12379	10.689	ug/l	96
95) Naphthalene	15.37	128	51478	10.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	21050	11.095	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010449.D
 Acq On : 20 May 2019 15:36
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 11:28:35 AM

Quant Time: May 21 06:34:36 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:23:24 2019
 Response via : Initial Calibration

