

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008087.D
 Acq On : 08 Jan 2019 16:02
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 11:07:46 AM

Quant Time: Jan 09 03:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	150043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	18545	20.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.60%	
35) Dibromofluoromethane	7.88	113	16709	17.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.92%	
50) Toluene-d8	10.32	98	68736	19.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.50%	
62) 4-Bromofluorobenzene	12.62	95	24682	18.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	13787	19.518	ug/l	93
3) Chloromethane	2.21	50	17252	29.464	ug/l	99
4) Vinyl Chloride	2.37	62	24160	31.722	ug/l	96
5) Bromomethane	2.79	94	18302	36.970	ug/l	97
6) Chloroethane	2.93	64	18317	43.301	ug/l	100
7) Trichlorofluoromethane	3.26	101	18448	25.149	ug/l	93
8) Diethyl Ether	3.68	74	10333	26.865	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17025	20.304	ug/l	95
10) Methyl Iodide	4.26	142	24280	18.206	ug/l	97
11) Tert butyl alcohol	5.22	59	6950m	118.936	ug/l	
12) 1,1-Dichloroethene	4.03	96	16622	20.491	ug/l	94
13) Acrolein	3.90	56	4879	112.925	ug/l	99
14) Allyl chloride	4.67	41	33443	28.706	ug/l	100
15) Acrylonitrile	5.38	53	20766	146.897	ug/l	99
16) Acetone	4.14	43	19174	135.169	ug/l	90
17) Carbon Disulfide	4.37	76	54126	21.803	ug/l	96
18) Methyl Acetate	4.68	43	11721	30.163	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	31309	24.496	ug/l	99
20) Methylene Chloride	4.90	84	20989	22.051	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	20141	22.840	ug/l	97
22) Diisopropyl ether	6.31	45	66659	31.617	ug/l	99
23) Vinyl Acetate	6.26	43	174003	149.420	ug/l	99
24) 1,1-Dichloroethane	6.21	63	37655	25.298	ug/l	98
25) 2-Butanone	7.18	43	27342	157.808	ug/l	96
26) 2,2-Dichloropropane	7.17	77	26310	22.174	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	22289	23.666	ug/l	99
28) Bromochloromethane	7.51	49	14090	27.851	ug/l	96
29) Tetrahydrofuran	7.54	42	17892	162.404	ug/l	99
30) Chloroform	7.68	83	36676	22.539	ug/l	97
31) Cyclohexane	7.95	56	41090	28.749	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	31470	20.580	ug/l	98
36) 1,1-Dichloropropene	8.09	75	30888	21.026	ug/l	100
37) Ethyl Acetate	7.25	43	12142	25.920	ug/l	97
38) Carbon Tetrachloride	8.07	117	28438	16.815	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008087.D
 Acq On : 08 Jan 2019 16:02
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 11:07:46 AM

Quant Time: Jan 09 03:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38343	20.828	ug/l	94
40) Benzene	8.32	78	84661	21.678	ug/l	98
41) Methacrylonitrile	7.49	41	7518	27.982	ug/l	93
42) 1,2-Dichloroethane	8.40	62	24040	19.005	ug/l	98
43) Isopropyl Acetate	8.43	43	25080	27.090	ug/l	98
44) Trichloroethene	9.09	130	20816	18.539	ug/l	93
45) 1,2-Dichloropropane	9.37	63	21000	24.242	ug/l	100
46) Dibromomethane	9.46	93	10327	21.098	ug/l	95
47) Bromodichloromethane	9.65	83	25797	18.982	ug/l	99
48) Methyl methacrylate	9.44	41	11007	23.538	ug/l	97
49) 1,4-Dioxane	9.48	88	3129	426.904	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	59010	135.815	ug/l	99
52) Toluene	10.39	92	53640	20.836	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	26631	20.120	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	31978	21.449	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	14114	21.236	ug/l	95
56) Ethyl methacrylate	10.65	69	17357	22.515	ug/l	98
57) 1,3-Dichloropropane	10.93	76	26546	23.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	46964	124.760	ug/l	100
59) 2-Hexanone	10.97	43	41935	140.252	ug/l	98
60) Dibromochloromethane	11.13	129	15318	17.232	ug/l	99
61) 1,2-Dibromoethane	11.23	107	13118	19.713	ug/l	98
64) Tetrachloroethene	10.86	164	16279	18.413	ug/l	94
65) Chlorobenzene	11.66	112	56119	20.179	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	17973	18.082	ug/l	98
67) Ethyl Benzene	11.73	91	104258	20.973	ug/l	100
68) m/p-Xylenes	11.84	106	79598	41.524	ug/l	98
69) o-Xylene	12.17	106	37013	20.760	ug/l	99
70) Styrene	12.18	104	57692	19.903	ug/l	99
71) Bromoform	12.35	173	7689	16.766	ug/l #	99
73) Isopropylbenzene	12.47	105	102023	20.432	ug/l	99
74) N-amyl acetate	12.27	43	21984	26.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	16304	24.751	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	12183m	23.769	ug/l	
77) Bromobenzene	12.75	156	19627	18.447	ug/l	96
78) n-propylbenzene	12.81	91	126052	21.531	ug/l	99
79) 2-Chlorotoluene	12.90	91	70662	21.029	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	85264	19.980	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	4903	22.474	ug/l	95
82) 4-Chlorotoluene	12.99	91	74735	20.932	ug/l	99
83) tert-Butylbenzene	13.21	119	74740	19.939	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	88170	20.298	ug/l	99
85) sec-Butylbenzene	13.39	105	109469	21.039	ug/l	99
86) p-Isopropyltoluene	13.51	119	94810	20.316	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	42496	19.633	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	42654	19.862	ug/l	96
89) n-Butylbenzene	13.83	91	92916	21.547	ug/l	99
90) Hexachloroethane	14.10	117	15531	19.240	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	37418	19.638	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2589	19.976	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
Data File : VW008087.D
Acq On : 08 Jan 2019 16:02
Operator : SY/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
1/9/2019 11:07:46 AM

Quant Time: Jan 09 03:53:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 03:11:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24374	18.540	ug/l	95
94) Hexachlorobutadiene	15.24	225	12610	16.734	ug/l	97
95) Naphthalene	15.38	128	46545	20.426	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20054	18.334	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
 Data File : VW008087.D
 Acq On : 08 Jan 2019 16:02
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 11:07:46 AM

Quant Time: Jan 09 03:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 03:11:44 2019
 Response via : Initial Calibration

