

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013762.D
 Acq On : 28 Oct 2019 13:21
 Operator : SY/VA
 Sample : VW1028SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:05:09 PM

Quant Time: Oct 29 11:05:50 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	322034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	454823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123448	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
35) Dibromofluoromethane	7.88	113	126913	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.32	98	528037	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.62	95	176374	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39213	23.113	ug/l	97
3) Chloromethane	2.21	50	42224	23.158	ug/l	98
4) Vinyl Chloride	2.37	62	63927	23.216	ug/l	95
5) Bromomethane	2.78	94	39118	21.601	ug/l	99
6) Chloroethane	2.92	64	36138	21.689	ug/l	99
7) Trichlorofluoromethane	3.26	101	40679	23.652	ug/l	95
8) Diethyl Ether	3.68	74	30375	21.860	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	60075	21.486	ug/l	99
10) Methyl Iodide	4.28	142	96028	21.076	ug/l	99
11) Tert butyl alcohol	5.20	59	16851	116.845	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	60889	21.082	ug/l	98
13) Acrolein	3.90	56	13931	84.316	ug/l	98
14) Allyl chloride	4.67	41	93513	21.057	ug/l	99
15) Acrylonitrile	5.37	53	63646	112.644	ug/l	96
16) Acetone	4.13	43	50539	98.666	ug/l	93
17) Carbon Disulfide	4.39	76	178593	21.532	ug/l	100
18) Methyl Acetate	4.67	43	33309	23.722	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	76313	22.019	ug/l	100
20) Methylene Chloride	4.92	84	66367	20.774	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	66359	21.347	ug/l	99
22) Diisopropyl ether	6.31	45	169253	20.893	ug/l	96
23) Vinyl Acetate	6.26	43	499469	106.260	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106960	20.848	ug/l	99
25) 2-Butanone	7.17	43	76156	103.414	ug/l	97
26) 2,2-Dichloropropane	7.17	77	65007	21.912	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	68254	20.672	ug/l	98
28) Bromochloromethane	7.51	49	27185	15.814	ug/l #	99
29) Tetrahydrofuran	7.53	42	50757	111.329	ug/l	100
30) Chloroform	7.68	83	105876	20.876	ug/l	96
31) Cyclohexane	7.96	56	111126	20.697	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	86402	21.709	ug/l	99
36) 1,1-Dichloropropene	8.08	75	90613	21.392	ug/l	99
37) Ethyl Acetate	7.25	43	36586	22.564	ug/l	99
38) Carbon Tetrachloride	8.07	117	82296	21.575	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013762.D
 Acq On : 28 Oct 2019 13:21
 Operator : SY/VA
 Sample : VW1028SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:05:09 PM

Quant Time: Oct 29 11:05:50 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	115477	21.110	ug/l	99
40) Benzene	8.32	78	253353	21.135	ug/l	97
41) Methacrylonitrile	7.48	41	22278	22.033	ug/l	93
42) 1,2-Dichloroethane	8.40	62	65141	21.565	ug/l	99
43) Isopropyl Acetate	8.43	43	66085	21.292	ug/l	99
44) Trichloroethene	9.09	130	70908	20.650	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60083	20.984	ug/l	99
46) Dibromomethane	9.46	93	29421	21.171	ug/l	98
47) Bromodichloromethane	9.65	83	74101	20.608	ug/l	98
48) Methyl methacrylate	9.44	41	32911	21.383	ug/l	99
49) 1,4-Dioxane	9.46	88	9436	459.493	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	166424	107.907	ug/l	100
52) Toluene	10.39	92	161607	20.900	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	75903	20.852	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	92990	20.706	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43987	21.238	ug/l	96
56) Ethyl methacrylate	10.65	69	54881	21.179	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76371	21.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	123297	103.386	ug/l	100
59) 2-Hexanone	10.97	43	113884	107.110	ug/l	99
60) Dibromochloromethane	11.13	129	50944	20.717	ug/l	97
61) 1,2-Dibromoethane	11.23	107	41761	21.313	ug/l	100
64) Tetrachloroethene	10.86	164	62542	21.384	ug/l	97
65) Chlorobenzene	11.66	112	167693	21.318	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	58248	21.217	ug/l	100
67) Ethyl Benzene	11.73	91	301869	21.282	ug/l	97
68) m/p-Xylenes	11.84	106	236316	43.122	ug/l	97
69) o-Xylene	12.16	106	106549	21.152	ug/l	99
70) Styrene	12.18	104	184834	21.357	ug/l	100
71) Bromoform	12.35	173	30665	21.285	ug/l #	97
73) Isopropylbenzene	12.46	105	296303	20.757	ug/l	99
74) N-amyl acetate	12.27	43	57292	20.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48296	21.440	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32003m	22.419	ug/l	
77) Bromobenzene	12.74	156	71113	20.854	ug/l	97
78) n-propylbenzene	12.80	91	349899	21.177	ug/l	100
79) 2-Chlorotoluene	12.89	91	193806	20.873	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	256465	21.283	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16465	21.798	ug/l	99
82) 4-Chlorotoluene	12.99	91	205612	21.093	ug/l	99
83) tert-Butylbenzene	13.21	119	221584	20.716	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	251088	21.123	ug/l	99
85) sec-Butylbenzene	13.38	105	307995	21.057	ug/l	100
86) p-Isopropyltoluene	13.50	119	287360	21.090	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	140091	21.203	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	137450	20.940	ug/l	99
89) n-Butylbenzene	13.82	91	263306	21.410	ug/l	100
90) Hexachloroethane	14.09	117	49031	20.703	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	120653	21.061	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7617	22.361	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102819\
Data File : VW013762.D
Acq On : 28 Oct 2019 13:21
Operator : SY/VA
Sample : VW1028SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBSD01

Manual Integrations
APPROVED

MMDadoda
10/29/2019 2:05:09 PM

Quant Time: Oct 29 11:05:50 2019
Quant Method : Z:\V0ASRV\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	85843	20.590	ug/l	99
94) Hexachlorobutadiene	15.24	225	58737	20.869	ug/l	100
95) Naphthalene	15.36	128	139274	21.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	75335	20.970	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013762.D
 Acq On : 28 Oct 2019 13:21
 Operator : SY/VA
 Sample : VW1028SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:05:09 PM

Quant Time: Oct 29 11:05:50 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

