

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013188.D
 Acq On : 20 Sep 2019 17:59
 Operator : SY/VA
 Sample : VW0920SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:28:55 AM

Quant Time: Sep 21 05:12:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114792	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.88	113	106917	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.32	98	450699	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.62	95	154263	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	36348	21.953	ug/l	98
3) Chloromethane	2.21	50	43441	20.410	ug/l	100
4) Vinyl Chloride	2.36	62	57217	20.852	ug/l	99
5) Bromomethane	2.76	94	34547	19.868	ug/l	85
6) Chloroethane	2.91	64	32307	19.975	ug/l	97
7) Trichlorofluoromethane	3.25	101	29290	18.512	ug/l	96
8) Diethyl Ether	3.68	74	28299	20.940	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53145	20.631	ug/l	99
10) Methyl Iodide	4.27	142	76296	19.104	ug/l	100
11) Tert butyl alcohol	5.18	59	30257	176.448	ug/l	96
12) 1,1-Dichloroethene	4.04	96	54110	20.285	ug/l	97
13) Acrolein	3.90	56	16988	125.974	ug/l	95
14) Allyl chloride	4.66	41	83140	19.584	ug/l	99
15) Acrylonitrile	5.37	53	75787	129.925	ug/l	97
16) Acetone	4.13	43	67947	128.618	ug/l	97
17) Carbon Disulfide	4.38	76	152715	19.808	ug/l	99
18) Methyl Acetate	4.67	43	40124	27.020	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	88345	21.610	ug/l	96
20) Methylene Chloride	4.91	84	59650	20.356	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	57074	19.797	ug/l	99
22) Diisopropyl ether	6.31	45	163262	20.224	ug/l	95
23) Vinyl Acetate	6.25	43	540369	112.832	ug/l	100
24) 1,1-Dichloroethane	6.21	63	95707	19.647	ug/l	99
25) 2-Butanone	7.17	43	109445	138.007	ug/l	97
26) 2,2-Dichloropropane	7.16	77	64134	20.005	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59206	19.459	ug/l	95
28) Bromochloromethane	7.51	49	33281	17.801	ug/l	98
29) Tetrahydrofuran	7.53	42	66761	137.270	ug/l	99
30) Chloroform	7.67	83	92255	19.344	ug/l	100
31) Cyclohexane	7.95	56	105071	20.692	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	77056	19.949	ug/l	100
36) 1,1-Dichloropropene	8.08	75	82061	21.275	ug/l	99
37) Ethyl Acetate	7.26	43	43229	26.371	ug/l	97
38) Carbon Tetrachloride	8.06	117	72531	20.977	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013188.D
 Acq On : 20 Sep 2019 17:59
 Operator : SY/VA
 Sample : VW0920SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0920SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:28:55 AM

Quant Time: Sep 21 05:12:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	106806	21.547	ug/l	96
40) Benzene	8.32	78	226090	21.015	ug/l	99
41) Methacrylonitrile	7.48	41	25323	25.883	ug/l	95
42) 1,2-Dichloroethane	8.40	62	62895	21.747	ug/l	99
43) Isopropyl Acetate	8.42	43	79786	25.395	ug/l	97
44) Trichloroethene	9.09	130	62357	20.658	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53383	20.324	ug/l	99
46) Dibromomethane	9.46	93	28371	22.248	ug/l	98
47) Bromodichloromethane	9.64	83	65751	20.263	ug/l	97
48) Methyl methacrylate	9.43	41	36114	24.445	ug/l	97
49) 1,4-Dioxane	9.46	88	12106	632.433	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	215340	136.718	ug/l	99
52) Toluene	10.38	92	144833	21.005	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	71176	21.350	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	84978	20.965	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43010	22.565	ug/l	95
56) Ethyl methacrylate	10.65	69	60580	24.285	ug/l	99
57) 1,3-Dichloropropane	10.93	76	75287	22.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	138281	119.743	ug/l	100
59) 2-Hexanone	10.97	43	153764	141.896	ug/l	99
60) Dibromochloromethane	11.13	129	46407	21.442	ug/l	100
61) 1,2-Dibromoethane	11.23	107	41933	23.139	ug/l	99
64) Tetrachloroethene	10.86	164	55366	20.864	ug/l	97
65) Chlorobenzene	11.65	112	149211	20.430	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	50989	20.436	ug/l	97
67) Ethyl Benzene	11.73	91	272643	20.603	ug/l	97
68) m/p-Xylenes	11.83	106	209338	41.514	ug/l	99
69) o-Xylene	12.16	106	95129	20.291	ug/l	100
70) Styrene	12.18	104	162862	20.234	ug/l	99
71) Bromoform	12.35	173	29993	22.754	ug/l #	96
73) Isopropylbenzene	12.46	105	273322	20.620	ug/l	99
74) N-amyl acetate	12.27	43	70525	23.977	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	53571	24.165	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33941m	21.418	ug/l	
77) Bromobenzene	12.74	156	65196	20.756	ug/l	97
78) n-propylbenzene	12.80	91	321708	20.734	ug/l	99
79) 2-Chlorotoluene	12.89	91	178971	20.589	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	229259	20.575	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17098	24.211	ug/l	99
82) 4-Chlorotoluene	12.99	91	186697	20.367	ug/l	99
83) tert-Butylbenzene	13.21	119	201220	20.575	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	228435	20.602	ug/l	99
85) sec-Butylbenzene	13.38	105	282389	20.944	ug/l	100
86) p-Isopropyltoluene	13.49	119	258069	20.636	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	122895	20.329	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	122512	20.663	ug/l	98
89) n-Butylbenzene	13.82	91	237365	20.787	ug/l	100
90) Hexachloroethane	14.09	117	40330	19.197	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	111478	21.315	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8995	26.528	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013188.D
Acq On : 20 Sep 2019 17:59
Operator : SY/VA
Sample : VW0920SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0920SBSD01

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:28:55 AM

Quant Time: Sep 21 05:12:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	78174	20.859	ug/l	98
94) Hexachlorobutadiene	15.24	225	52148	20.339	ug/l	98
95) Naphthalene	15.36	128	148186	24.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	69225	21.377	ug/l	99

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

