

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008604.D
 Acq On : 11 Feb 2019 18:15
 Operator : SY/VA
 Sample : K1457-05MS
 Misc : 5.57G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 1:43:16 PM

Quant Time: Feb 12 05:24:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	215150	88.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.00%	
35) Dibromofluoromethane	7.88	113	175538	69.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.36%	
50) Toluene-d8	10.32	98	440038	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	12.62	95	224205	57.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	108107	73.929	ug/l	99
3) Chloromethane	2.21	50	183267	90.724	ug/l	96
4) Vinyl Chloride	2.36	62	237137	92.218	ug/l	100
5) Bromomethane	2.78	94	156310	94.241	ug/l	99
6) Chloroethane	2.92	64	156674	99.624	ug/l	98
7) Trichlorofluoromethane	3.25	101	125060	55.355	ug/l	99
8) Diethyl Ether	3.67	74	120932	97.989	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	91334	40.805	ug/l	98
10) Methyl Iodide	4.26	142	242955	68.721	ug/l	98
11) Tert butyl alcohol	5.17	59	130449	666.445	ug/l	98
12) 1,1-Dichloroethene	4.03	96	137561	60.728	ug/l	95
13) Acrolein	3.88	56	9912	60.620	ug/l	99
14) Allyl chloride	4.65	41	292736	68.057	ug/l	97
15) Acrylonitrile	5.36	53	290098	544.362	ug/l	99
16) Acetone	4.12	43	327534	599.923	ug/l	100
17) Carbon Disulfide	4.37	76	325643	45.012	ug/l	100
18) Methyl Acetate	4.66	43	680342	467.208	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	367452	98.044	ug/l #	74
20) Methylene Chloride	4.90	84	194529	77.306	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	159990	62.825	ug/l	98
22) Diisopropyl ether	6.31	45	597822	73.334	ug/l	98
23) Vinyl Acetate	6.31	43	321197	66.727	ug/l #	74
24) 1,1-Dichloroethane	6.21	63	331364	71.811	ug/l	99
25) 2-Butanone	7.17	43	438571	578.340	ug/l	100
26) 2,2-Dichloropropane	7.17	77	197689	63.381	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	192409	69.327	ug/l	99
28) Bromochloromethane	7.51	49	150368	70.948	ug/l	99
29) Tetrahydrofuran	7.52	42	277228	576.894	ug/l	99
30) Chloroform	7.67	83	323842	71.351	ug/l	95
31) Cyclohexane	7.95	56	137656	28.850	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	212647	54.244	ug/l	99
36) 1,1-Dichloropropene	8.07	75	170227	41.526	ug/l	99
37) Ethyl Acetate	7.24	43	23433m	12.920	ug/l	
38) Carbon Tetrachloride	8.06	117	166146	40.277	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008604.D
 Acq On : 11 Feb 2019 18:15
 Operator : SY/VA
 Sample : K1457-05MS
 Misc : 5.57G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-5)MS

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 1:43:16 PM

Quant Time: Feb 12 05:24:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	141727	26.318	ug/l	98
40) Benzene	8.32	78	619570	54.468	ug/l	100
41) Methacrylonitrile	7.48	41	96966	90.294	ug/l	93
42) 1,2-Dichloroethane	8.40	62	248812	75.479	ug/l	100
43) Isopropyl Acetate	8.42	43	117966	31.308	ug/l #	62
44) Trichloroethene	9.09	130	131137	42.395	ug/l	97
45) 1,2-Dichloropropane	9.37	63	164113	57.863	ug/l	99
46) Dibromomethane	9.46	93	100986	69.226	ug/l	97
47) Bromodichloromethane	9.64	83	224760	58.251	ug/l	99
48) Methyl methacrylate	9.43	41	212691	115.445	ug/l	94
49) 1,4-Dioxane	9.44	88	54731	2219.617	ug/l	90
51) 4-Methyl-2-Pentanone	10.21	43	890459	478.365	ug/l	99
52) Toluene	10.38	92	298499	39.753	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	229978	56.014	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	251174	53.907	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	200526	99.103	ug/l	97
56) Ethyl methacrylate	10.65	69	234509	82.712	ug/l #	85
57) 1,3-Dichloropropane	10.93	76	235445	64.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	559770	406.349	ug/l	99
59) 2-Hexanone	10.97	43	663627	504.999	ug/l	94
60) Dibromochloromethane	11.13	129	140519	54.041	ug/l	99
61) 1,2-Dibromoethane	11.23	107	127563	63.581	ug/l #	75
64) Tetrachloroethene	10.86	164	80214	45.681	ug/l	97
65) Chlorobenzene	11.66	112	286013	54.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	117937	62.262	ug/l	98
67) Ethyl Benzene	11.73	91	420180	43.176	ug/l	99
68) m/p-Xylenes	11.84	106	318491	84.349	ug/l	98
69) o-Xylene	12.17	106	167416	46.664	ug/l	96
70) Styrene	12.18	104	275253	46.448	ug/l	97
71) Bromoform	12.35	173	86850	81.492	ug/l #	95
73) Isopropylbenzene	12.46	105	363847	30.904	ug/l	100
74) N-amyl acetate	12.25	43	231833	76.437	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.71	83	304155	163.178	ug/l	87
76) 1,2,3-Trichloropropane	12.77	75	121926m	88.802	ug/l	
77) Bromobenzene	12.75	156	101652	39.535	ug/l #	48
78) n-propylbenzene	12.80	91	409776	28.979	ug/l	96
79) 2-Chlorotoluene	12.89	91	293733	36.811	ug/l	93
80) 1,3,5-Trimethylbenzene	12.94	105	589287	59.884	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	57632	82.904	ug/l #	77
82) 4-Chlorotoluene	12.99	91	276436	32.539	ug/l	80
83) tert-Butylbenzene	13.21	119	241639	27.594	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	253483	25.343	ug/l	98
85) sec-Butylbenzene	13.38	105	310148	24.800	ug/l	100
86) p-Isopropyltoluene	13.50	119	262102	23.926	ug/l	90
87) 1,3-Dichlorobenzene	13.50	146	138726	26.716	ug/l #	9
88) 1,4-Dichlorobenzene	13.58	146	136568	26.464	ug/l #	2
89) n-Butylbenzene	13.83	91	220264	20.478	ug/l	89
90) Hexachloroethane	14.10	117	68958	32.189	ug/l	69
91) 1,2-Dichlorobenzene	13.87	146	125280	27.267	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29158	82.445	ug/l	77

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021119\
Data File : VW008604.D
Acq On : 11 Feb 2019 18:15
Operator : SY/VA
Sample : K1457-05MS
Misc : 5.57G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-5)MS

Manual Integrations
APPROVED

MMDadoda
2/12/2019 1:43:16 PM

Quant Time: Feb 12 05:24:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	51771	15.790	ug/l #	56
94) Hexachlorobutadiene	15.24	225	23978	12.135	ug/l	98
95) Naphthalene	15.37	128	159815	27.760	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.56	180	54017	19.421	ug/l #	62

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

