

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV121718\
 Data File : VW007569.D
 Acq On : 15 Dec 2018 07:58
 Operator : SY/AP
 Sample : J6391-08MSD
 Misc : 4.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:45:44 PM

Quant Time: Dec 15 20:02:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	15747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	28569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	21282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	6938	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	15123	86.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	173.14%	
35) Dibromofluoromethane	7.88	113	11928	68.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.94%	
50) Toluene-d8	10.32	98	35527	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
62) 4-Bromofluorobenzene	12.62	95	10294	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	5317	48.318	ug/l	88
3) Chloromethane	2.21	50	4416	47.917	ug/l	95
4) Vinyl Chloride	2.36	62	5809	53.711	ug/l	99
5) Bromomethane	2.78	94	3268	44.973	ug/l	96
6) Chloroethane	2.92	64	3764	63.224	ug/l	92
7) Trichlorofluoromethane	3.26	101	8350	85.875	ug/l	100
8) Diethyl Ether	3.68	74	7028	92.349	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	6784	42.284	ug/l	97
10) Methyl Iodide	4.26	142	9675	36.410	ug/l	97
11) Tert butyl alcohol	5.17	59	5944	495.407	ug/l	98
12) 1,1-Dichloroethene	4.03	96	7362	47.659	ug/l	92
14) Allyl chloride	4.67	41	11034	48.459	ug/l	98
15) Acrylonitrile	5.37	53	9413	293.406	ug/l	99
16) Acetone	4.12	43	15722	515.222	ug/l	99
17) Carbon Disulfide	4.37	76	20252	43.239	ug/l	97
18) Methyl Acetate	4.67	43	16844	203.379	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	30466	130.737	ug/l	99
20) Methylene Chloride	4.91	84	12855	79.333	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	9838	56.932	ug/l	90
22) Diisopropyl ether	6.32	45	34915	79.775	ug/l	95
23) Vinyl Acetate	6.32	43	19408	79.281	ug/l #	72
24) 1,1-Dichloroethane	6.21	63	19100	64.570	ug/l	99
25) 2-Butanone	7.17	43	17225	432.383	ug/l	97
26) 2,2-Dichloropropane	7.16	77	13095	66.891	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	12005	63.448	ug/l	98
28) Bromochloromethane	7.51	49	8601	77.303	ug/l	98
29) Tetrahydrofuran	7.53	42	12476	494.692	ug/l	95
30) Chloroform	7.68	83	21610	67.132	ug/l	100
31) Cyclohexane	7.96	56	8037	29.614	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	16301	57.746	ug/l	99
36) 1,1-Dichloropropene	8.08	75	11082	42.522	ug/l	98
37) Ethyl Acetate	7.17	43	17225	177.701	ug/l #	1
38) Carbon Tetrachloride	8.07	117	12560	44.292	ug/l	95
39) Methylcyclohexane	9.34	83	5995	18.997	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007569.D
 Acq On : 15 Dec 2018 07:58
 Operator : SY/AP
 Sample : J6391-08MSD
 Misc : 4.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MSD

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:45:44 PM

Quant Time: Dec 15 20:02:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	40990	56.674	ug/l	97
41) Methacrylonitrile	7.48	41	1788m	32.392	ug/l	
42) 1,2-Dichloroethane	8.40	62	17985	79.161	ug/l	98
43) Isopropyl Acetate	8.43	43	1802	9.411	ug/l #	61
44) Trichloroethene	9.09	130	9772	47.315	ug/l	87
45) 1,2-Dichloropropane	9.37	63	11215	67.007	ug/l	97
46) Dibromomethane	9.46	93	7808	82.149	ug/l	94
47) Bromodichloromethane	9.65	83	16766	67.250	ug/l	92
48) Methyl methacrylate	9.44	41	6323	64.300	ug/l	98
49) 1,4-Dioxane	9.45	88	2685	1741.019	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	35672	394.296	ug/l	97
52) Toluene	10.39	92	24137	51.569	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	12903	53.310	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	12821	45.822	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	10147	78.441	ug/l	95
56) Ethyl methacrylate	10.65	69	626	4.026	ug/l #	73
57) 1,3-Dichloropropane	10.93	76	16468	77.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	20568	286.857	ug/l	99
59) 2-Hexanone	10.97	43	17376	288.037	ug/l	98
60) Dibromochloromethane	11.13	129	11399	69.825	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8915	69.737	ug/l	94
64) Tetrachloroethene	10.86	164	6323	41.315	ug/l	92
65) Chlorobenzene	11.66	112	23936	53.960	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	10655	68.201	ug/l	99
67) Ethyl Benzene	11.73	91	35702	46.813	ug/l	93
68) m/p-Xylenes	11.84	106	27864	93.982	ug/l	100
69) o-Xylene	12.17	106	14050	50.741	ug/l	95
70) Styrene	12.18	104	20713	46.312	ug/l	98
71) Bromoform	12.35	173	5882	73.557	ug/l #	95
73) Isopropylbenzene	12.47	105	28729	54.041	ug/l	97
74) N-amyl acetate	12.18	43	99	1.025	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.72	83	9633	122.342	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	8756m	153.061	ug/l	
77) Bromobenzene	12.75	156	8668	73.558	ug/l	88
78) n-propylbenzene	12.81	91	29023	48.510	ug/l	99
79) 2-Chlorotoluene	12.90	91	19825	54.764	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	22759	50.950	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	2088	80.628	ug/l	93
82) 4-Chlorotoluene	12.99	91	21353	55.957	ug/l	99
83) tert-Butylbenzene	13.21	119	17792	45.204	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	23826	51.833	ug/l	99
85) sec-Butylbenzene	13.38	105	19537	36.361	ug/l	97
86) p-Isopropyltoluene	13.51	119	18152	37.605	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	11657	49.616	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	12266	51.931	ug/l	97
89) n-Butylbenzene	13.83	91	12006	26.830	ug/l	98
90) Hexachloroethane	14.10	117	3313	38.574	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	10873	51.670	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1607	101.701	ug/l	93
93) 1,2,4-Trichlorobenzene	15.14	180	3577	24.700	ug/l	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007569.D
Acq On : 15 Dec 2018 07:58
Operator : SY/AP
Sample : J6391-08MSD
Misc : 4.57G/5ML/MSVOA_W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MSD

Manual Integrations
APPROVED

apatel
12/17/2018 1:45:44 PM

Quant Time: Dec 15 20:02:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	1252	16.294	ug/l	99
95) Naphthalene	15.37	128	10525	37.991	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	2957	23.506	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007569.D
Acq On : 15 Dec 2018 07:58
Operator : SY/AP
Sample : J6391-08MSD
Misc : 4.57G/5ML/MSVOA_W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample ID :
P001-SS016-0006-01MSD

Manual Integrations
APPROVED

apatel
12/17/2018 1:45:44 PM

Quant Time: Dec 15 20:02:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

