

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005292.D
 Acq On : 11 Sep 2018 23:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/12/2018 2:19:49 PM

Quant Time: Sep 12 01:45:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	523156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	768264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	756518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	404866	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	219084	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
35) Dibromofluoromethane	7.89	113	216607	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	10.33	98	1091057	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.63	95	402115	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	199033	44.10	ug/l	99
3) Chloromethane	2.21	50	312221	51.75	ug/l	98
4) Vinyl Chloride	2.35	62	290026	52.36	ug/l	99
5) Bromomethane	2.75	94	197554	59.36	ug/l	98
6) Chloroethane	2.91	64	163525	53.60	ug/l	98
7) Trichlorofluoromethane	3.26	101	301337	48.09	ug/l	97
8) Diethyl Ether	3.69	74	121073	54.22	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	211699	47.30	ug/l	98
10) Methyl Iodide	4.27	142	232299	42.31	ug/l	99
11) Tert butyl alcohol	5.17	59	96803	302.51	ug/l	99
12) 1,1-Dichloroethene	4.04	96	199779	48.48	ug/l	98
13) Acrolein	3.90	56	82070	265.51	ug/l	100
14) Allyl chloride	4.67	41	331017	52.28	ug/l	99
15) Acrylonitrile	5.37	53	302476	300.24	ug/l	100
16) Acetone	4.12	43	212029	292.75	ug/l	98
17) Carbon Disulfide	4.38	76	770553	53.27	ug/l	99
18) Methyl Acetate	4.68	43	134175	62.06	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	558071	56.86	ug/l	99
20) Methylene Chloride	4.92	84	293630	54.87	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	238003	49.46	ug/l	97
22) Diisopropyl ether	6.32	45	746606	58.57	ug/l	98
23) Vinyl Acetate	6.26	43	2037020	286.73	ug/l	100
24) 1,1-Dichloroethane	6.23	63	415958	53.01	ug/l	98
25) 2-Butanone	7.18	43	341987	299.35	ug/l	95
26) 2,2-Dichloropropane	7.17	77	310410	45.62	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	267687	51.98	ug/l	99
28) Bromochloromethane	7.52	49	164685	56.89	ug/l #	93
29) Tetrahydrofuran	7.54	42	232408	301.87	ug/l	98
30) Chloroform	7.68	83	409333	51.98	ug/l	100
31) Cyclohexane	7.96	56	420076	50.31	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	356355	50.09	ug/l	99
36) 1,1-Dichloropropene	8.09	75	356622	50.67	ug/l	99
37) Ethyl Acetate	7.26	43	152066	56.80	ug/l	99
38) Carbon Tetrachloride	8.07	117	313528	47.55	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005292.D
 Acq On : 11 Sep 2018 23:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/12/2018 2:19:49 PM

Quant Time: Sep 12 01:45:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	456184	48.81	ug/l	99
40) Benzene	8.33	78	1108578	53.46	ug/l	100
41) Methacrylonitrile	7.49	41	85967	62.59	ug/l	98
42) 1,2-Dichloroethane	8.40	62	255848	51.57	ug/l	100
43) Isopropyl Acetate	8.43	43	296575	59.65	ug/l	99
44) Trichloroethene	9.10	130	285328	50.16	ug/l	99
45) 1,2-Dichloropropane	9.37	63	271620	54.50	ug/l	100
46) Dibromomethane	9.46	93	125955	51.63	ug/l	98
47) Bromodichloromethane	9.65	83	305507	51.19	ug/l	96
48) Methyl methacrylate	9.44	41	150921	58.46	ug/l	93
49) 1,4-Dioxane	9.45	88	57618	1264.92	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	844455	301.83	ug/l	99
52) Toluene	10.40	92	770163	51.10	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	336702	52.20	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	396106	51.28	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	202112	51.96	ug/l	99
56) Ethyl methacrylate	10.65	69	286636	58.12	ug/l	100
57) 1,3-Dichloropropane	10.94	76	346911	53.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	643500	300.21	ug/l	99
59) 2-Hexanone	10.98	43	598694	296.83	ug/l	100
60) Dibromochloromethane	11.13	129	227273	52.65	ug/l	100
61) 1,2-Dibromoethane	11.24	107	190469	53.39	ug/l	99
64) Tetrachloroethene	10.87	164	299144	53.30	ug/l	98
65) Chlorobenzene	11.66	112	855258	51.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	248820	50.28	ug/l	99
67) Ethyl Benzene	11.74	91	1490846	51.66	ug/l	99
68) m/p-Xylenes	11.85	106	1189195	102.25	ug/l	99
69) o-Xylene	12.17	106	558635	51.63	ug/l	99
70) Styrene	12.19	104	937786	53.11	ug/l	99
71) Bromoform	12.35	173	142285	53.03	ug/l	100
73) Isopropylbenzene	12.47	105	1486803	51.98	ug/l	100
74) N-amyl acetate	12.28	43	331619	60.93	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	245701	57.15	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	167916m	53.92	ug/l	
77) Bromobenzene	12.76	156	356215	52.86	ug/l	97
78) n-propylbenzene	12.81	91	1794613	52.24	ug/l	99
79) 2-Chlorotoluene	12.90	91	1034242	52.50	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1278723	52.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	71119	53.56	ug/l	96
82) 4-Chlorotoluene	12.99	91	1082551	52.28	ug/l	99
83) tert-Butylbenzene	13.21	119	1087105	51.03	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1309379	53.49	ug/l	98
85) sec-Butylbenzene	13.39	105	1581469	51.65	ug/l	99
86) p-Isopropyltoluene	13.51	119	1398719	51.61	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	728092	51.45	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	711832	51.22	ug/l	100
89) n-Butylbenzene	13.83	91	1297015	50.91	ug/l	98
90) Hexachloroethane	14.10	117	220595	50.80	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	653775	52.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41076	57.46	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005292.D
Acq On : 11 Sep 2018 23:07
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
9/12/2018 2:19:49 PM

Quant Time: Sep 12 01:45:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	447675	50.88	ug/l	99
94) Hexachlorobutadiene	15.25	225	268641	47.68	ug/l	99
95) Naphthalene	15.38	128	809970	56.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	392988	51.91	ug/l	99

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

