

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005892.D
 Acq On : 08 Oct 2018 13:06
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:12:20 PM

Quant Time: Oct 09 02:10:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 01:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	361571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	525654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	473535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	259822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	170514	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.88	113	166666	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.33	98	644225	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.62	95	246103	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	88715	50.07	ug/l	100
3) Chloromethane	2.21	50	96541	46.32	ug/l	100
4) Vinyl Chloride	2.37	62	166558	50.34	ug/l	100
5) Bromomethane	2.78	94	132377	50.69	ug/l	100
6) Chloroethane	2.93	64	106286	50.42	ug/l	100
7) Trichlorofluoromethane	3.26	101	136109	51.82	ug/l	100
8) Diethyl Ether	3.68	74	78293	48.44	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	161380	48.69	ug/l	100
10) Methyl Iodide	4.26	142	266047	49.08	ug/l	100
11) Tert butyl alcohol	5.21	59	58949	229.16	ug/l	100
12) 1,1-Dichloroethene	4.03	96	155839	48.96	ug/l	100
13) Acrolein	3.89	56	50340	219.59	ug/l	100
14) Allyl chloride	4.67	41	258063	47.54	ug/l	100
15) Acrylonitrile	5.37	53	168503	239.53	ug/l	100
16) Acetone	4.14	43	170951	243.83	ug/l	100
17) Carbon Disulfide	4.37	76	483177	50.21	ug/l	100
18) Methyl Acetate	4.67	43	87025	49.19	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	241380	48.75	ug/l	100
20) Methylene Chloride	4.91	84	160173	45.60	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	172957	49.86	ug/l	100
22) Diisopropyl ether	6.31	45	490386	48.33	ug/l	100
23) Vinyl Acetate	6.26	43	1513441	242.33	ug/l	100
24) 1,1-Dichloroethane	6.21	63	301021	48.48	ug/l	100
25) 2-Butanone	7.18	43	239605	240.28	ug/l	100
26) 2,2-Dichloropropane	7.17	77	210869	48.25	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	193233	49.25	ug/l	100
28) Bromochloromethane	7.51	49	105081	45.85	ug/l	100
29) Tetrahydrofuran	7.53	42	150079	238.08	ug/l	100
30) Chloroform	7.68	83	309450	48.52	ug/l	100
31) Cyclohexane	7.96	56	286303	46.59	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	277113	48.79	ug/l	100
36) 1,1-Dichloropropene	8.09	75	251768	49.99	ug/l	100
37) Ethyl Acetate	7.26	43	102302	47.96	ug/l	100
38) Carbon Tetrachloride	8.07	117	272531	50.36	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005892.D
 Acq On : 08 Oct 2018 13:06
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:12:20 PM

Quant Time: Oct 09 02:10:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 01:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	336822	50.70	ug/l	100
40) Benzene	8.32	78	687323	49.86	ug/l	100
41) Methacrylonitrile	7.48	41	62399	46.73	ug/l	100
42) 1,2-Dichloroethane	8.40	62	204307	49.06	ug/l	100
43) Isopropyl Acetate	8.43	43	219266	49.21	ug/l	100
44) Trichloroethene	9.09	130	203512	50.88	ug/l	100
45) 1,2-Dichloropropane	9.37	63	170081	49.29	ug/l	100
46) Dibromomethane	9.46	93	93432	49.27	ug/l	100
47) Bromodichloromethane	9.65	83	234365	49.11	ug/l	100
48) Methyl methacrylate	9.44	41	104792	49.37	ug/l	100
49) 1,4-Dioxane	9.46	88	28784	999.20	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	532774	245.55	ug/l	100
52) Toluene	10.39	92	450165	49.71	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	248423	49.81	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	276761	49.37	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	127970	48.72	ug/l	100
56) Ethyl methacrylate	10.65	69	173056	48.88	ug/l	100
57) 1,3-Dichloropropane	10.93	76	217397	49.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	341715	237.21	ug/l	100
59) 2-Hexanone	10.97	43	388679	249.84	ug/l	100
60) Dibromochloromethane	11.13	129	168169	49.61	ug/l	100
61) 1,2-Dibromoethane	11.24	107	129074	49.17	ug/l	100
64) Tetrachloroethene	10.87	164	176736	50.10	ug/l	100
65) Chlorobenzene	11.66	112	510200	50.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	186365	50.13	ug/l	100
67) Ethyl Benzene	11.73	91	911513	50.88	ug/l	100
68) m/p-Xylenes	11.84	106	711018	101.55	ug/l	100
69) o-Xylene	12.17	106	337955	50.42	ug/l	100
70) Styrene	12.18	104	561661	50.50	ug/l	100
71) Bromoform	12.35	173	110591	49.94	ug/l	100
73) Isopropylbenzene	12.47	105	948276	49.97	ug/l	100
74) N-amyl acetate	12.27	43	220364	48.90	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	152722	49.10	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	115776m	29.11	ug/l	
77) Bromobenzene	12.75	156	225386	50.13	ug/l	100
78) n-propylbenzene	12.81	91	1118174	50.09	ug/l	100
79) 2-Chlorotoluene	12.90	91	627877	49.83	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	803288	50.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	53998	49.12	ug/l	100
82) 4-Chlorotoluene	12.99	91	669336	50.49	ug/l	100
83) tert-Butylbenzene	13.21	119	718322	50.41	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	815448	50.46	ug/l	100
85) sec-Butylbenzene	13.39	105	1016051	50.80	ug/l	100
86) p-Isopropyltoluene	13.51	119	918214	51.05	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	450535	50.44	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	447534	50.43	ug/l	100
89) n-Butylbenzene	13.83	91	863844	50.95	ug/l	100
90) Hexachloroethane	14.10	117	171766	50.78	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	397186	50.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28631	49.40	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
Data File : VW005892.D
Acq On : 08 Oct 2018 13:06
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

apatel
10/9/2018 4:12:20 PM

Quant Time: Oct 09 02:10:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 01:57:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	311270	50.63	ug/l	100
94) Hexachlorobutadiene	15.24	225	197282	51.41	ug/l	100
95) Naphthalene	15.38	128	534144	50.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	270032	50.72	ug/l	100

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

