

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082118\
 Data File : VF060026.D
 Acq On : 21 Aug 2018 18:23
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 8/22/2018 11:24:05 AM

Quant Time: Aug 22 04:23:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:57:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	216604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	334248	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	349320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	207251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	141680	35.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.92%	
35) Dibromofluoromethane	4.30	113	130300	39.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.32%	
50) Toluene-d8	7.72	98	354871	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.52	95	187108	41.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	133917	37.80	ug/l	100
3) Chloromethane	1.08	50	93546	47.45	ug/l	100
4) Vinyl Chloride	1.13	62	83910	39.03	ug/l	100
5) Bromomethane	1.32	94	64953	31.57	ug/l	100
6) Chloroethane	1.39	64	33611	31.29	ug/l	100
7) Trichlorofluoromethane	1.49	101	185612	31.42	ug/l	100
8) Diethyl Ether	1.71	74	32657	36.61	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.87	101	94108	33.61	ug/l	100
10) Methyl Iodide	1.93	142	129977	36.68	ug/l	100
11) Tert butyl alcohol	2.68	59	39396	169.71	ug/l	100
12) 1,1-Dichloroethene	1.83	96	69825	35.72	ug/l	100
13) Acrolein	2.09	56	23493	187.15	ug/l	100
14) Allyl chloride	2.19	41	118382	35.79	ug/l	100
15) Acrylonitrile	3.08	53	73191	195.39	ug/l	100
16) Acetone	2.34	43	195991	157.77	ug/l	100
17) Carbon Disulfide	1.85	76	195383	31.59	ug/l	100
18) Methyl Acetate	2.46	43	66511	28.04	ug/l	100
19) Methyl tert-butyl Ether	2.54	73	222415	34.96	ug/l	100
20) Methylene Chloride	2.28	84	77861	28.18	ug/l	100
21) trans-1,2-Dichloroethene	2.42	96	70726	33.76	ug/l	100
22) Diisopropyl ether	2.93	45	275205	38.78	ug/l	100
23) Vinyl Acetate	3.33	43	783928	264.28	ug/l	100
24) 1,1-Dichloroethane	3.01	63	166978	36.44	ug/l	100
25) 2-Butanone	4.52	43	251237	244.93	ug/l	100
26) 2,2-Dichloropropane	3.77	77	173643	41.97	ug/l	100
27) cis-1,2-Dichloroethene	3.64	96	110240	54.13	ug/l	100
28) Bromochloromethane	3.90	49	68536	48.49	ug/l	100
29) Tetrahydrofuran	4.26	42	94861	257.79	ug/l	100
30) Chloroform	4.04	83	236333	42.99	ug/l	100
31) Cyclohexane	3.87	56	122894	53.68	ug/l	100
32) 1,1,1-Trichloroethane	4.28	97	205278	39.10	ug/l	100
36) 1,1-Dichloropropene	4.47	75	153490	40.96	ug/l	100
37) Ethyl Acetate	4.29	43	91718	44.75	ug/l	100
38) Carbon Tetrachloride	4.17	117	179063	34.62	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082118\
 Data File : VF060026.D
 Acq On : 21 Aug 2018 18:23
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 8/22/2018 11:24:05 AM

Quant Time: Aug 22 04:23:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:57:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	138226	48.29	ug/l	100
40) Benzene	4.82	78	325566	50.56	ug/l	100
41) Methacrylonitrile	4.93	41	44915	45.26	ug/l	100
42) 1,2-Dichloroethane	5.13	62	177851	34.42	ug/l	100
43) Isopropyl Acetate	7.12	43	119304	51.33	ug/l	100
44) Trichloroethene	5.68	130	108007	43.86	ug/l	100
45) 1,2-Dichloropropane	6.41	63	98436	52.96	ug/l	100
46) Dibromomethane	6.26	93	75776	42.58	ug/l	100
47) Bromodichloromethane	6.56	83	180861	38.58	ug/l	100
48) Methyl methacrylate	6.88	41	79761	47.11	ug/l	100
49) 1,4-Dioxane	6.87	88	14950	1124.63	ug/l	100
51) 4-Methyl-2-Pentanone	8.41	43	501420	233.56	ug/l	100
52) Toluene	7.79	92	231837	48.15	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	161054	40.38	ug/l	100
54) cis-1,3-Dichloropropene	7.46	75	190998	48.46	ug/l	100
55) 1,1,2-Trichloroethane	8.65	97	94177	48.93	ug/l	100
56) Ethyl methacrylate	8.77	69	117330	52.36	ug/l	100
57) 1,3-Dichloropropane	9.01	76	168807	49.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.79	63	42133	236.87	ug/l	100
59) 2-Hexanone	9.63	43	407073	229.33	ug/l	100
60) Dibromochloromethane	8.87	129	137765	40.67	ug/l	100
61) 1,2-Dibromoethane	9.14	107	108021	45.66	ug/l	100
64) Tetrachloroethene	8.31	164	114664	43.32	ug/l	100
65) Chlorobenzene	9.95	112	318185	46.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.08	131	120689	39.22	ug/l	100
67) Ethyl Benzene	10.05	91	537679	43.41	ug/l	100
68) m/p-Xylenes	10.27	106	396001	90.74	ug/l	100
69) o-Xylene	10.84	106	224084	50.17	ug/l	100
70) Styrene	10.91	104	327831	46.02	ug/l	100
71) Bromoform	10.89	173	86056	37.89	ug/l	100
73) Isopropylbenzene	11.24	105	618382	49.58	ug/l	100
74) N-amyl acetate	11.47	43	205294	57.05	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.79	83	139136	55.49	ug/l	100
76) 1,2,3-Trichloropropane	11.89	75	103694	48.03	ug/l	100
77) Bromobenzene	11.60	156	169078	48.76	ug/l	100
78) n-propylbenzene	11.69	91	758122	48.84	ug/l	100
79) 2-Chlorotoluene	11.82	91	441820	47.46	ug/l	100
80) 1,3,5-Trimethylbenzene	11.92	105	539395	48.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.96	75	50248m	55.17	ug/l	
82) 4-Chlorotoluene	12.00	91	477091	46.83	ug/l	100
83) tert-Butylbenzene	12.23	119	521453	47.64	ug/l	100
84) 1,2,4-Trimethylbenzene	12.29	105	559707	47.56	ug/l	100
85) sec-Butylbenzene	12.39	105	718075	49.15	ug/l	100
86) p-Isopropyltoluene	12.54	119	609852	47.21	ug/l	100
87) 1,3-Dichlorobenzene	12.56	146	309147	46.70	ug/l	100
88) 1,4-Dichlorobenzene	12.65	146	298692	46.45	ug/l	100
89) n-Butylbenzene	12.93	91	618227	49.53	ug/l	100
90) Hexachloroethane	13.00	117	137449	47.78	ug/l	100
91) 1,2-Dichlorobenzene	13.02	146	301114	47.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.72	75	28995	44.23	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082118\
Data File : VF060026.D
Acq On : 21 Aug 2018 18:23
Operator : VA/AP
Sample : VSTDICCC050
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

apatel
8/22/2018 11:24:05 AM

Quant Time: Aug 22 04:23:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 03:57:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.28	180	235720	46.21	ug/l	100
94) Hexachlorobutadiene	14.27	225	139661	41.66	ug/l	100
95) Naphthalene	14.53	128	386214	52.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.68	180	226039	46.20	ug/l	100

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

