

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100118\
 Data File : VF060393.D
 Acq On : 1 Oct 2018 20:05
 Operator : VA/AP
 Sample : VSTDIC150
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 10/2/2018 12:29:46 PM

Quant Time: Oct 02 11:43:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 00:00:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	280706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	490332	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	425857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	221382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	605951	153.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	307.76%	
35) Dibromofluoromethane	4.27	113	618322	138.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	277.50%	
50) Toluene-d8	7.69	98	1503730	131.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	262.86%	
62) 4-Bromofluorobenzene	11.49	95	660599	132.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	264.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	0.99	85	823089	153.091	ug/l	97
3) Chloromethane	1.13	50	532659	136.382	ug/l	98
4) Vinyl Chloride	1.17	62	558405	139.621	ug/l	96
5) Bromomethane	1.36	94	392505	141.503	ug/l	98
6) Chloroethane	1.42	64	253016	132.034	ug/l	98
7) Trichlorofluoromethane	1.54	101	1151387	148.263	ug/l	97
8) Diethyl Ether	1.69	74	173127	140.916	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	1.89	101	572372	142.527	ug/l	95
10) Methyl Iodide	1.96	142	957166	149.266	ug/l	95
11) Tert butyl alcohol	2.67	59	195398	775.475	ug/l #	85
12) 1,1-Dichloroethene	1.85	96	468809	144.025	ug/l	87
13) Acrolein	2.08	56	145516	1008.970	ug/l	87
14) Allyl chloride	2.18	41	795169	141.341	ug/l	88
15) Acrylonitrile	3.05	53	338684	641.466	ug/l	88
17) Carbon Disulfide	1.89	76	1416380	141.498	ug/l	98
18) Methyl Acetate	2.43	43	244431	134.963	ug/l	94
19) Methyl tert-butyl Ether	2.52	73	1184738	144.980	ug/l	98
20) Methylene Chloride	2.27	84	434355m	113.988	ug/l	
21) trans-1,2-Dichloroethene	2.39	96	484997	143.514	ug/l	95
22) Diisopropyl ether	2.91	45	1401536	133.154	ug/l #	92
23) Vinyl Acetate	3.31	43	2812701	677.037	ug/l #	94
24) 1,1-Dichloroethane	2.98	63	910585	131.162	ug/l	99
25) 2-Butanone	4.48	43	758451	551.699	ug/l #	91
26) 2,2-Dichloropropane	3.73	77	473573	120.932	ug/l	99
27) cis-1,2-Dichloroethene	3.61	96	555340	129.083	ug/l	95
28) Bromochloromethane	3.86	49	344575	127.512	ug/l	92
29) Tetrahydrofuran	4.22	42	318792	616.938	ug/l	100
30) Chloroform	4.01	83	1117583	134.184	ug/l	99
31) Cyclohexane	3.84	56	713089	124.442	ug/l	96
32) 1,1,1-Trichloroethane	4.25	97	907459	135.979	ug/l	95
36) 1,1-Dichloropropene	4.43	75	804243	130.423	ug/l	98
37) Ethyl Acetate	4.27	43	306163	120.159	ug/l #	73
38) Carbon Tetrachloride	4.14	117	955879m	137.705	ug/l	
39) Methylcyclohexane	5.60	83	784895	121.133	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100118\
 Data File : VF060393.D
 Acq On : 1 Oct 2018 20:05
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 10/2/2018 12:29:46 PM

Quant Time: Oct 02 11:43:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 00:00:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	4.79	78	1623033	119.670	ug/l	99
41) Methacrylonitrile	4.90	41	173370	126.842	ug/l	95
42) 1,2-Dichloroethane	5.09	62	761105	144.952	ug/l	98
43) Isopropyl Acetate	7.09	43	414589	135.020	ug/l	100
44) Trichloroethene	5.65	130	494389	121.682	ug/l	95
45) 1,2-Dichloropropane	6.38	63	444433	125.781	ug/l	97
46) Dibromomethane	6.23	93	338055	130.972	ug/l	93
47) Bromodichloromethane	6.52	83	821284	131.767	ug/l	100
48) Methyl methacrylate	6.85	41	274237	125.569	ug/l	99
49) 1,4-Dioxane	6.84	88	49607	2566.622	ug/l #	80
51) 4-Methyl-2-Pentanone	8.39	43	1318591	572.047	ug/l	93
52) Toluene	7.76	92	1060528	122.536	ug/l	87
53) t-1,3-Dichloropropene	8.41	75	655807	131.987	ug/l	96
54) cis-1,3-Dichloropropene	7.43	75	763980	122.538	ug/l	98
55) 1,1,2-Trichloroethane	8.61	97	344617	131.234	ug/l	94
56) Ethyl methacrylate	8.74	69	411155	129.498	ug/l	92
57) 1,3-Dichloropropane	8.98	76	587589	134.558	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.76	63	182998	635.902	ug/l #	100
59) 2-Hexanone	9.61	43	934011	573.057	ug/l	98
60) Dibromochloromethane	8.84	129	544513	137.588	ug/l	98
61) 1,2-Dibromoethane	9.12	107	401081	135.639	ug/l	95
64) Tetrachloroethene	8.28	164	452224	118.953	ug/l	95
65) Chlorobenzene	9.91	112	1211086	126.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.05	131	513432	127.754	ug/l	97
67) Ethyl Benzene	10.02	91	2119720	119.581	ug/l	94
68) m/p-Xylenes	10.25	106	1509590	246.720	ug/l	80
69) o-Xylene	10.81	106	848359	123.890	ug/l	86
70) Stvrene	10.88	104	1197163	124.300	ug/l	99
71) Bromoform	10.87	173	302983	138.238	ug/l	90
73) Isopropylbenzene	11.21	105	2294550	117.402	ug/l	93
74) N-amyl acetate	11.44	43	607427	143.461	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.77	83	446027	128.563	ug/l	99
76) 1,2,3-Trichloropropane	11.87	75	328549	130.896	ug/l	94
77) Bromobenzene	11.58	156	545936	129.296	ug/l	93
78) n-propylbenzene	11.67	91	2547027	109.742	ug/l	95
79) 2-Chlorotoluene	11.80	91	1600137	119.552	ug/l	91
80) 1,3,5-Trimethylbenzene	11.90	105	1838635	116.316	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.95	75	177302m	135.377	ug/l	
82) 4-Chlorotoluene	11.97	91	1636824	122.250	ug/l	94
83) tert-Butylbenzene	12.20	119	1800452	112.034	ug/l	98
84) 1,2,4-Trimethylbenzene	12.27	105	1893437	117.315	ug/l	94
85) sec-Butylbenzene	12.38	105	2487240	112.395	ug/l	93
86) p-Isopropyltoluene	12.53	119	2007539	113.987	ug/l	94
87) 1,3-Dichlorobenzene	12.55	146	966632	121.926	ug/l	97
88) 1,4-Dichlorobenzene	12.64	146	958648	122.849	ug/l	95
89) n-Butylbenzene	12.90	91	2055931	109.608	ug/l	92
90) Hexachloroethane	12.98	117	581804	128.630	ug/l	77
91) 1,2-Dichlorobenzene	13.01	146	926493	122.084	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.70	75	98626	150.142	ug/l	93
93) 1,2,4-Trichlorobenzene	14.25	180	689781	124.505	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100118\
Data File : VF060393.D
Acq On : 1 Oct 2018 20:05
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

apatel
10/2/2018 12:29:46 PM

Quant Time: Oct 02 11:43:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 00:00:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.24	225	492219	131.555	ug/l	97
95) Naphthalene	14.51	128	1456851	148.895	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	683991	133.889	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100118\
 Data File : VF060393.D
 Acq On : 1 Oct 2018 20:05
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 Client Sample ID :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 10/2/2018 12:29:46 PM

Quant Time: Oct 02 11:43:52 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 00:00:09 2018
 Response via : Initial Calibration

