

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062518\
 Data File : VF059306.D
 Acq On : 25 Jun 2018 17:09
 Operator : VA/AP
 Sample : VSTDIC100
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

apatel
 6/26/2018 10:04:39 AM

Quant Time: Jun 26 08:15:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 07:57:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	276272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	424186	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	416594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	247633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	322481	82.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	165.58%	
35) Dibromofluoromethane	4.28	113	278403	79.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.76%	
50) Toluene-d8	7.70	98	735657	83.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.72%	
62) 4-Bromofluorobenzene	11.50	95	376658	77.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	237749	76.18	ug/l	95
3) Chloromethane	1.08	50	165856	84.33	ug/l	98
4) Vinyl Chloride	1.15	62	150508	77.31	ug/l	97
5) Bromomethane	1.33	94	86331	65.00	ug/l	92
6) Chloroethane	1.42	64	82732	86.80	ug/l	92
7) Trichlorofluoromethane	1.48	101	337708m	88.63	ug/l	
8) Diethyl Ether	1.69	74	76154	86.28	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.89	101	174132	80.82	ug/l	97
10) Methyl Iodide	1.96	142	342292	86.63	ug/l	99
11) Tert butyl alcohol	2.68	59	92826	392.33	ug/l #	93
12) 1,1-Dichloroethene	1.85	96	149588	77.55	ug/l	90
13) Acrolein	2.08	56	50571	268.09	ug/l #	75
14) Allyl chloride	2.18	41	313223	87.78	ug/l	93
15) Acrylonitrile	3.06	53	194411	397.24	ug/l	98
16) Acetone	2.32	43	412433	433.91	ug/l	99
17) Carbon Disulfide	1.83	76	374239	80.61	ug/l	97
18) Methyl Acetate	2.44	43	149720	83.57	ug/l	97
19) Methyl tert-butyl Ether	2.52	73	570321	87.82	ug/l	93
20) Methylene Chloride	2.27	84	182077m	87.85	ug/l	
21) trans-1,2-Dichloroethene	2.40	96	174888	88.18	ug/l	94
22) Diisopropyl ether	2.92	45	636689	85.83	ug/l	99
23) Vinyl Acetate	3.32	43	2001753	421.23	ug/l	100
24) 1,1-Dichloroethane	2.98	63	405450	84.64	ug/l	100
25) 2-Butanone	4.49	43	498462	401.78	ug/l	95
26) 2,2-Dichloropropane	3.75	77	218268m	65.74	ug/l	
27) cis-1,2-Dichloroethene	3.62	96	262805	86.98	ug/l	91
28) Bromochloromethane	3.87	49	146928	73.41	ug/l	95
29) Tetrahydrofuran	4.24	42	214793	386.31	ug/l	98
30) Chloroform	4.02	83	579241	83.66	ug/l	97
31) Cyclohexane	3.85	56	249723	76.94	ug/l	100
32) 1,1,1-Trichloroethane	4.26	97	401818	77.38	ug/l	98
36) 1,1-Dichloropropene	4.44	75	359348	83.68	ug/l	98
37) Ethyl Acetate	4.28	43	218640	77.44	ug/l	89
38) Carbon Tetrachloride	4.16	117	444255	83.86	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062518\
 Data File : VF059306.D
 Acq On : 25 Jun 2018 17:09
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 6/26/2018 10:04:39 AM

Quant Time: Jun 26 08:15:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 07:57:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.61	83	324349	84.00	ug/l	98
40) Benzene	4.79	78	771316	83.97	ug/l	99
41) Methacrylonitrile	4.91	41	114428	85.14	ug/l	99
42) 1,2-Dichloroethane	5.10	62	461132	87.41	ug/l	98
43) Isopropyl Acetate	7.10	43	298486	87.86	ug/l #	97
44) Trichloroethene	5.66	130	259998	82.31	ug/l	95
45) 1,2-Dichloropropane	6.39	63	212430	79.76	ug/l	97
46) Dibromomethane	6.24	93	203118	88.87	ug/l	96
47) Bromodichloromethane	6.53	83	490793	90.07	ug/l	99
48) Methyl methacrylate	6.86	41	202125	92.94	ug/l	98
49) 1,4-Dioxane	6.85	88	20600	1616.44	ug/l #	82
51) 4-Methyl-2-Pentanone	8.39	43	979011	399.07	ug/l	99
52) Toluene	7.77	92	574264	80.82	ug/l	99
53) t-1,3-Dichloropropene	8.42	75	434193	85.31	ug/l	98
54) cis-1,3-Dichloropropene	7.44	75	470537	86.95	ug/l	98
55) 1,1,2-Trichloroethane	8.62	97	232003	84.50	ug/l	94
56) Ethyl methacrylate	8.75	69	289496	91.76	ug/l	99
57) 1,3-Dichloropropane	8.99	76	392338	86.39	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.77	63	102368	408.24	ug/l	100
59) 2-Hexanone	9.62	43	809366	412.44	ug/l	99
60) Dibromochloromethane	8.85	129	365959	90.07	ug/l	94
61) 1,2-Dibromoethane	9.13	107	285936	89.73	ug/l	99
64) Tetrachloroethene	8.29	164	252490	81.26	ug/l	98
65) Chlorobenzene	9.93	112	747905	86.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.06	131	327255	90.19	ug/l	95
67) Ethyl Benzene	10.02	91	1289341	88.34	ug/l	100
68) m/p-Xylenes	10.26	106	906914	173.95	ug/l	92
69) o-Xylene	10.82	106	520939	90.16	ug/l	93
70) Styrene	10.89	104	753270	85.83	ug/l	98
71) Bromoform	10.88	173	233482	90.64	ug/l #	100
73) Isopropylbenzene	11.22	105	1412858	85.53	ug/l	97
74) N-amyl acetate	11.45	43	504112	91.51	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.78	83	333614	84.36	ug/l	99
76) 1,2,3-Trichloropropane	11.88	75	240869	83.32	ug/l	95
77) Bromobenzene	11.59	156	394350	88.12	ug/l	81
78) n-propylbenzene	11.68	91	1633643	84.00	ug/l	98
79) 2-Chlorotoluene	11.81	91	1025258	87.60	ug/l	97
80) 1,3,5-Trimethylbenzene	11.91	105	1315818	94.34	ug/l	86
81) trans-1,4-Dichloro-2-buten	11.94	75	158187	86.58	ug/l	97
82) 4-Chlorotoluene	11.98	91	1091125	86.28	ug/l	98
83) tert-Butylbenzene	12.21	119	1176293	83.51	ug/l	96
84) 1,2,4-Trimethylbenzene	12.28	105	1272417	86.22	ug/l	97
85) sec-Butylbenzene	12.38	105	1605313	84.85	ug/l	97
86) p-Isopropyltoluene	12.53	119	1313056	84.61	ug/l	97
87) 1,3-Dichlorobenzene	12.55	146	671645	83.63	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	688641	87.09	ug/l	98
89) n-Butylbenzene	12.91	91	1323311	83.90	ug/l	96
90) Hexachloroethane	12.99	117	347942	89.04	ug/l	96
91) 1,2-Dichlorobenzene	13.01	146	673187	83.59	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.71	75	77414	90.65	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062518\
Data File : VF059306.D
Acq On : 25 Jun 2018 17:09
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

apatel
6/26/2018 10:04:39 AM

Quant Time: Jun 26 08:15:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 07:57:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	507769	86.97	ug/l	99
94) Hexachlorobutadiene	14.25	225	298812	87.45	ug/l	98
95) Naphthalene	14.52	128	1120356	93.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	495915	90.30	ug/l	96

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

