

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062518\
 Data File : VF059302.D
 Acq On : 25 Jun 2018 15:18
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 6/26/2018 10:03:10 AM

Quant Time: Jun 26 08:07:29 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	284473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	442809	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	441215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	281892	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	38831	9.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.36%	
35) Dibromofluoromethane	4.28	113	33891	9.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.64%	
50) Toluene-d8	7.70	98	81950	8.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.80%	
62) 4-Bromofluorobenzene	11.50	95	46705	9.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	27480	8.55	ug/l	94
3) Chloromethane	1.08	50	17038	8.41	ug/l	99
4) Vinyl Chloride	1.14	62	19136	9.55	ug/l	93
5) Bromomethane	1.33	94	12303	9.00	ug/l	96
6) Chloroethane	1.42	64	8804	8.97	ug/l	94
7) Trichlorofluoromethane	1.48	101	37045m	9.44	ug/l	
8) Diethyl Ether	1.69	74	9383	10.32	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.90	101	21100	9.51	ug/l	100
10) Methyl Iodide	1.96	142	38063	9.36	ug/l #	94
11) Tert butyl alcohol	2.68	59	14562	59.77	ug/l #	87
12) 1,1-Dichloroethene	1.84	96	17913	9.02	ug/l	82
13) Acrolein	2.08	56	8391	43.20	ug/l	88
14) Allyl chloride	2.18	41	31866	8.67	ug/l	91
15) Acrylonitrile	3.06	53	21351	42.37	ug/l	90
16) Acetone	2.33	43	56051	57.27	ug/l	94
17) Carbon Disulfide	1.83	76	39252	8.21	ug/l	98
18) Methyl Acetate	2.44	43	18720	10.15	ug/l	98
19) Methyl tert-butyl Ether	2.53	73	70205	10.50	ug/l	97
20) Methylene Chloride	2.27	84	35776m	16.76	ug/l	
21) trans-1,2-Dichloroethene	2.40	96	18383	9.00	ug/l	95
22) Diisopropyl ether	2.92	45	70952	9.29	ug/l	96
23) Vinyl Acetate	3.32	43	248615	50.81	ug/l	100
24) 1,1-Dichloroethane	2.99	63	45321	9.19	ug/l	98
25) 2-Butanone	4.50	43	63347	49.59	ug/l	95
26) 2,2-Dichloropropane	3.75	77	33445	9.78	ug/l	90
27) cis-1,2-Dichloroethene	3.63	96	28557	9.18	ug/l	79
28) Bromochloromethane	3.87	49	23666	11.48	ug/l	87
29) Tetrahydrofuran	4.24	42	29203	51.01	ug/l	95
30) Chloroform	4.03	83	65637	9.21	ug/l	96
31) Cyclohexane	3.85	56	31971	9.57	ug/l	94
32) 1,1,1-Trichloroethane	4.27	97	49728	9.30	ug/l	98
36) 1,1-Dichloropropene	4.44	75	38668	8.63	ug/l	95
37) Ethyl Acetate	4.28	43	26750	9.08	ug/l #	75
38) Carbon Tetrachloride	4.16	117	51756	9.36	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062518\
 Data File : VF059302.D
 Acq On : 25 Jun 2018 15:18
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 6/26/2018 10:03:10 AM

Quant Time: Jun 26 08:07:29 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	5.62	83	37148	9.22	ug/l	95
40) Benzene	4.80	78	91107	9.50	ug/l	98
41) Methacrylonitrile	4.90	41	12682	9.04	ug/l #	90
42) 1,2-Dichloroethane	5.10	62	51194	9.30	ug/l	94
43) Isopropyl Acetate	7.11	43	31858	8.98	ug/l #	80
44) Trichloroethene	5.67	130	32485	9.85	ug/l	86
45) 1,2-Dichloropropane	6.39	63	25807	9.28	ug/l	95
46) Dibromomethane	6.25	93	22322	9.36	ug/l #	88
47) Bromodichloromethane	6.53	83	51765	9.10	ug/l	97
48) Methyl methacrylate	6.86	41	21185	9.33	ug/l	93
49) 1,4-Dioxane	6.86	88	2621	197.02	ug/l #	76
51) 4-Methyl-2-Pentanone	8.40	43	126941	49.57	ug/l	98
52) Toluene	7.77	92	67777	9.14	ug/l	97
53) t-1,3-Dichloropropene	8.42	75	46058	8.67	ug/l	91
54) cis-1,3-Dichloropropene	7.44	75	50394	8.92	ug/l	98
55) 1,1,2-Trichloroethane	8.62	97	25210	8.80	ug/l	99
56) Ethyl methacrylate	8.75	69	30361	9.22	ug/l	91
57) 1,3-Dichloropropane	8.99	76	44590	9.41	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.77	63	11832	45.20	ug/l	100
59) 2-Hexanone	9.62	43	106108	51.80	ug/l	99
60) Dibromochloromethane	8.85	129	38019	8.96	ug/l	96
61) 1,2-Dibromoethane	9.13	107	29886	8.98	ug/l	100
64) Tetrachloroethene	8.30	164	30352	9.22	ug/l	95
65) Chlorobenzene	9.93	112	86031	9.44	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.06	131	38167	9.93	ug/l	97
67) Ethyl Benzene	10.02	91	149781	9.69	ug/l	93
68) m/p-Xylenes	10.26	106	108339	19.62	ug/l	96
69) o-Xylene	10.82	106	55073	9.00	ug/l	99
70) Styrene	10.89	104	87263	9.39	ug/l	99
71) Bromoform	10.88	173	24656	9.04	ug/l #	97
73) Isopropylbenzene	11.22	105	168162	8.94	ug/l	100
74) N-amyl acetate	11.45	43	61232	9.76	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.78	83	44649	9.92	ug/l	99
76) 1,2,3-Trichloropropane	11.88	75	33700	10.24	ug/l	92
77) Bromobenzene	11.59	156	46457	9.12	ug/l	80
78) n-propylbenzene	11.68	91	214703	9.70	ug/l	95
79) 2-Chlorotoluene	11.81	91	129087	9.69	ug/l	96
80) 1,3,5-Trimethylbenzene	11.91	105	149561	9.42	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.95	75	18488	8.89	ug/l #	89
82) 4-Chlorotoluene	11.99	91	134254	9.33	ug/l	100
83) tert-Butylbenzene	12.20	119	155734	9.71	ug/l	93
84) 1,2,4-Trimethylbenzene	12.28	105	158507	9.44	ug/l	99
85) sec-Butylbenzene	12.38	105	208898	9.70	ug/l	98
86) p-Isopropyltoluene	12.53	119	176796	10.01	ug/l	99
87) 1,3-Dichlorobenzene	12.55	146	93801	10.26	ug/l	97
88) 1,4-Dichlorobenzene	12.64	146	84777	9.42	ug/l	97
89) n-Butylbenzene	12.91	91	183476	10.22	ug/l	94
90) Hexachloroethane	12.99	117	41653	9.36	ug/l	98
91) 1,2-Dichlorobenzene	13.01	146	87570	9.55	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.71	75	9736	10.01	ug/l	75

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062518\
Data File : VF059302.D
Acq On : 25 Jun 2018 15:18
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

apatel
6/26/2018 10:03:10 AM

Quant Time: Jun 26 08:07:29 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	65643	9.88	ug/l	95
94) Hexachlorobutadiene	14.25	225	36999	9.51	ug/l	92
95) Naphthalene	14.52	128	123656	9.03	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	60052	9.61	ug/l	96

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

