

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059799.D
 Acq On : 2 Aug 2018 14:34
 Operator : VA/AP
 Sample : VF0802SBSD01
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0802SBSD01

Manual Integrations
 APPROVED

apatel
 8/3/2018 2:39:04 PM

Quant Time: Aug 02 15:26:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	184936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	264028	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	249935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	167436	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	164670	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	4.28	113	137316	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	7.71	98	305752	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.51	95	173020	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	58967	25.61	ug/l	94
3) Chloromethane	1.08	50	31966	27.56	ug/l	99
4) Vinyl Chloride	1.16	62	33893	27.94	ug/l	99
5) Bromomethane	1.34	94	24891	24.28	ug/l	100
6) Chloroethane	1.43	64	19194	25.38	ug/l #	76
7) Trichlorofluoromethane	1.53	101	73293m	21.22	ug/l	
8) Diethyl Ether	1.70	74	13766	23.31	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	1.90	101	44221	24.45	ug/l	91
10) Methyl Iodide	1.97	142	71743m	26.38	ug/l	
11) Tert butyl alcohol	2.71	59	17761	131.84	ug/l #	90
12) 1,1-Dichloroethene	1.85	96	36127	25.23	ug/l	91
13) Acrolein	2.09	56	5153	84.76	ug/l	82
14) Allyl chloride	2.19	41	48835	21.36	ug/l	89
15) Acrylonitrile	3.07	53	29658	138.13	ug/l	95
16) Acetone	2.34	43	72868	121.89	ug/l	98
17) Carbon Disulfide	1.89	76	83730m	25.92	ug/l	
18) Methyl Acetate	2.45	43	30521	31.01	ug/l	99
19) Methyl tert-butyl Ether	2.54	73	101510	23.24	ug/l	98
20) Methylene Chloride	2.31	84	39228m	26.80	ug/l	
21) trans-1,2-Dichloroethene	2.40	96	33646	25.59	ug/l	87
22) Diisopropyl ether	2.92	45	119758	24.77	ug/l	99
23) Vinyl Acetate	3.33	43	275209	110.70	ug/l	97
24) 1,1-Dichloroethane	2.99	63	80704	24.02	ug/l	98
25) 2-Butanone	4.51	43	71977	107.88	ug/l #	83
26) 2,2-Dichloropropane	3.75	77	56067	23.41	ug/l	97
27) cis-1,2-Dichloroethene	3.62	96	42526	23.64	ug/l	96
28) Bromochloromethane	3.88	49	32606	25.64	ug/l	95
29) Tetrahydrofuran	4.26	42	30828	120.22	ug/l	97
30) Chloroform	4.03	83	112675	23.76	ug/l	99
31) Cyclohexane	3.85	56	44073	25.01	ug/l #	72
32) 1,1,1-Trichloroethane	4.27	97	84374	22.94	ug/l	97
36) 1,1-Dichloropropene	4.45	75	68868	23.69	ug/l	94
37) Ethyl Acetate	4.28	43	33907	23.25	ug/l #	80
38) Carbon Tetrachloride	4.16	117	108196	25.77	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059799.D
 Acq On : 2 Aug 2018 14:34
 Operator : VA/AP
 Sample : VF0802SBSD01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VF0802SBSD01

Manual Integrations
 APPROVED

apatel
 8/3/2018 2:39:04 PM

Quant Time: Aug 02 15:26:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	53989	24.26	ug/l	90
40) Benzene	4.80	78	123821	23.22	ug/l	96
41) Methacrylonitrile	4.92	41	14629	20.34	ug/l #	88
42) 1,2-Dichloroethane	5.11	62	84586	22.67	ug/l	99
43) Isopropyl Acetate	7.11	43	33531	21.24	ug/l #	82
44) Trichloroethene	5.66	130	47314	23.69	ug/l	85
45) 1,2-Dichloropropane	6.39	63	33752	23.97	ug/l	92
46) Dibromomethane	6.25	93	31236	23.37	ug/l	92
47) Bromodichloromethane	6.54	83	84553	23.23	ug/l	96
48) Methyl methacrylate	6.87	41	26470	22.29	ug/l	98
49) 1,4-Dioxane	6.86	88	4395	568.02	ug/l #	84
51) 4-Methyl-2-Pentanone	8.41	43	141239	117.60	ug/l	96
52) Toluene	7.77	92	93317	24.97	ug/l	99
53) t-1,3-Dichloropropene	8.42	75	75963	24.05	ug/l	96
54) cis-1,3-Dichloropropene	7.45	75	69317	22.65	ug/l #	89
55) 1,1,2-Trichloroethane	8.63	97	31365	21.72	ug/l	93
56) Ethyl methacrylate	8.76	69	34545	22.94	ug/l	97
57) 1,3-Dichloropropane	9.00	76	58519	23.62	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.77	63	18996	109.25	ug/l	100
59) 2-Hexanone	9.63	43	107754	111.96	ug/l	95
60) Dibromochloromethane	8.86	129	56605	22.21	ug/l	98
61) 1,2-Dibromoethane	9.13	107	38915	23.08	ug/l	99
64) Tetrachloroethene	8.31	164	49830	27.55	ug/l	94
65) Chlorobenzene	9.93	112	121409	24.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	57896	24.80	ug/l	90
67) Ethyl Benzene	10.03	91	214925	24.85	ug/l	97
68) m/p-Xylenes	10.27	106	150703	51.98	ug/l	96
69) o-Xylene	10.82	106	82426	25.86	ug/l	91
70) Styrene	10.90	104	124760	25.84	ug/l	97
71) Bromoform	10.89	173	36529	24.02	ug/l	99
73) Isopropylbenzene	11.22	105	269757	24.55	ug/l	98
74) N-amyl acetate	11.46	43	59683	21.53	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.79	83	48095	23.26	ug/l	98
76) 1,2,3-Trichloropropane	11.88	75	40221	22.87	ug/l	100
77) Bromobenzene	11.59	156	66164	23.06	ug/l	93
78) n-propylbenzene	11.69	91	299167	23.96	ug/l	97
79) 2-Chlorotoluene	11.81	91	188369	24.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.90	105	235336	24.53	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	21747	29.86	ug/l	98
82) 4-Chlorotoluene	11.98	91	201020	24.51	ug/l	98
83) tert-Butylbenzene	12.21	119	240964	24.43	ug/l	98
84) 1,2,4-Trimethylbenzene	12.28	105	236451	24.42	ug/l	98
85) sec-Butylbenzene	12.39	105	308850	24.81	ug/l	98
86) p-Isopropyltoluene	12.54	119	260414	23.67	ug/l	100
87) 1,3-Dichlorobenzene	12.56	146	123698	23.28	ug/l	99
88) 1,4-Dichlorobenzene	12.64	146	126964	24.70	ug/l	98
89) n-Butylbenzene	12.92	91	260160	25.17	ug/l	97
90) Hexachloroethane	12.99	117	65714	23.71	ug/l	95
91) 1,2-Dichlorobenzene	13.02	146	125452	25.21	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	11798	23.34	ug/l	83

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059799.D
Acq On : 2 Aug 2018 14:34
Operator : VA/AP
Sample : VF0802SBSD01
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 84 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0802SBSD01

Manual Integrations
APPROVED

apatel
8/3/2018 2:39:04 PM

Quant Time: Aug 02 15:26:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	96459	23.96	ug/l	97
94) Hexachlorobutadiene	14.25	225	67793	24.68	ug/l	97
95) Naphthalene	14.53	128	168327	23.32	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	93224	23.36	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059799.D
Acq On : 2 Aug 2018 14:34
Operator : VA/AP
Sample : VF0802SBSD01
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 84 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0802SBSD01

Manual Integrations
APPROVED

apatel
8/3/2018 2:39:04 PM

Quant Time: Aug 02 15:26:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

