

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081618\
 Data File : VF059971.D
 Acq On : 16 Aug 2018 20:36
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 8/17/2018 11:24:21 AM

Quant Time: Aug 17 04:58:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 17 04:39:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	122365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	175654	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	188084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	133449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	142265	63.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.62%	
35) Dibromofluoromethane	4.29	113	94081	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	7.72	98	200468	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.51	95	133668	60.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	101590	54.98	ug/l	100
3) Chloromethane	1.07	50	42772	54.27	ug/l	100
4) Vinyl Chloride	1.12	62	58513	62.72	ug/l	100
5) Bromomethane	1.32	94	52005	61.61	ug/l	100
6) Chloroethane	1.39	64	32369	54.85	ug/l	100
7) Trichlorofluoromethane	1.48	101	152270	57.45	ug/l	100
8) Diethyl Ether	1.70	74	30248	76.13	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.86	101	83369	60.76	ug/l	100
10) Methyl Iodide	1.93	142	100544	49.08	ug/l	100
11) Tert butyl alcohol	2.70	59	49923	484.96	ug/l	100
12) 1,1-Dichloroethene	1.83	96	54986	55.59	ug/l	100
13) Acrolein	2.09	56	24339	455.38	ug/l	100
14) Allyl chloride	2.20	41	90220	61.15	ug/l	100
15) Acrylonitrile	3.08	53	79215	496.82	ug/l	100
16) Acetone	2.34	43	232751	454.06	ug/l	100
17) Carbon Disulfide	1.84	76	170712	63.92	ug/l	100
18) Methyl Acetate	2.46	43	89608	112.30	ug/l	100
19) Methyl tert-butyl Ether	2.54	73	214838	70.67	ug/l	100
20) Methylene Chloride	2.28	84	66508	57.76	ug/l	100
21) trans-1,2-Dichloroethene	2.41	96	58030	59.14	ug/l	100
22) Diisopropyl ether	2.93	45	225861	66.57	ug/l	100
23) Vinyl Acetate	3.34	43	511459	312.64	ug/l	100
24) 1,1-Dichloroethane	3.00	63	151089	63.76	ug/l	100
25) 2-Butanone	4.51	43	180681	375.21	ug/l	100
26) 2,2-Dichloropropane	3.76	77	134426	81.43	ug/l	100
27) cis-1,2-Dichloroethene	3.64	96	56274	53.47	ug/l	100
28) Bromochloromethane	3.89	49	42143	50.70	ug/l	100
29) Tetrahydrofuran	4.27	42	68838	407.06	ug/l	100
30) Chloroform	4.04	83	168389	53.90	ug/l	100
31) Cyclohexane	3.85	56	56836	50.87	ug/l	100
32) 1,1,1-Trichloroethane	4.28	97	159956	60.54	ug/l	100
36) 1,1-Dichloropropene	4.46	75	95583	49.12	ug/l	100
37) Ethyl Acetate	4.29	43	75970	79.99	ug/l	100
38) Carbon Tetrachloride	4.17	117	139520	44.16	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081618\
 Data File : VF059971.D
 Acq On : 16 Aug 2018 20:36
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 8/17/2018 11:24:21 AM

Quant Time: Aug 17 04:58:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 17 04:39:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	70259	49.77	ug/l	100
40) Benzene	4.82	78	158089	48.34	ug/l	100
41) Methacrylonitrile	4.93	41	32498	71.88	ug/l	100
42) 1,2-Dichloroethane	5.12	62	157263	58.45	ug/l	100
43) Isopropyl Acetate	7.11	43	83425	80.42	ug/l	100
44) Trichloroethene	5.67	130	63323	49.94	ug/l	100
45) 1,2-Dichloropropane	6.40	63	48643	54.82	ug/l	100
46) Dibromomethane	6.26	93	54949	61.12	ug/l	100
47) Bromodichloromethane	6.55	83	136620	54.14	ug/l	100
48) Methyl methacrylate	6.88	41	61194	80.32	ug/l	100
49) 1,4-Dioxane	6.88	88	11888	1933.12	ug/l	100
51) 4-Methyl-2-Pentanone	8.41	43	388277	393.99	ug/l	100
52) Toluene	7.78	92	124436	50.82	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	121566	58.02	ug/l	100
54) cis-1,3-Dichloropropene	7.46	75	113907	57.45	ug/l	100
55) 1,1,2-Trichloroethane	8.64	97	57543	64.95	ug/l	100
56) Ethyl methacrylate	8.76	69	75460	76.16	ug/l	100
57) 1,3-Dichloropropane	9.01	76	107050	65.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.78	63	31330	259.50	ug/l	100
59) 2-Hexanone	9.64	43	319216	430.93	ug/l	100
60) Dibromochloromethane	8.87	129	107778	62.66	ug/l	100
61) 1,2-Dibromoethane	9.13	107	77658	69.27	ug/l	100
64) Tetrachloroethene	8.31	164	68797	47.10	ug/l	100
65) Chlorobenzene	9.94	112	178956	49.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.07	131	84542	48.29	ug/l	100
67) Ethyl Benzene	10.04	91	320499	49.86	ug/l	100
68) m/p-Xylenes	10.27	106	215729	99.59	ug/l	100
69) o-Xylene	10.83	106	118240	50.35	ug/l	100
70) Styrene	10.91	104	190784	54.15	ug/l	100
71) Bromoform	10.89	173	74668	64.61	ug/l	100
73) Isopropylbenzene	11.23	105	394107	47.77	ug/l	100
74) N-amyl acetate	11.46	43	141193	70.60	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.79	83	95141	63.68	ug/l	100
76) 1,2,3-Trichloropropane	11.89	75	85992	66.38	ug/l	100
77) Bromobenzene	11.60	156	110168	49.99	ug/l	100
78) n-propylbenzene	11.69	91	466890	48.01	ug/l	100
79) 2-Chlorotoluene	11.82	91	288291	47.16	ug/l	100
80) 1,3,5-Trimethylbenzene	11.91	105	353750	46.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.96	75	36924m	68.15	ug/l	
82) 4-Chlorotoluene	11.99	91	322210	47.63	ug/l	100
83) tert-Butylbenzene	12.22	119	345690	45.92	ug/l	100
84) 1,2,4-Trimethylbenzene	12.29	105	367987	47.60	ug/l	100
85) sec-Butylbenzene	12.39	105	444310	46.39	ug/l	100
86) p-Isopropyltoluene	12.55	119	397990	47.00	ug/l	100
87) 1,3-Dichlorobenzene	12.56	146	199403	47.97	ug/l	100
88) 1,4-Dichlorobenzene	12.64	146	201265	49.31	ug/l	100
89) n-Butylbenzene	12.92	91	399235	48.72	ug/l	100
90) Hexachloroethane	13.00	117	89426	43.06	ug/l	100
91) 1,2-Dichlorobenzene	13.02	146	205997	50.54	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.72	75	31819	75.53	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081618\
Data File : VF059971.D
Acq On : 16 Aug 2018 20:36
Operator : VA/AP
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

apatel
8/17/2018 11:24:21 AM

Quant Time: Aug 17 04:58:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F081618S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 17 04:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	166738	51.51	ug/l	100
94) Hexachlorobutadiene	14.26	225	104364	45.93	ug/l	100
95) Naphthalene	14.53	128	319892	58.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	166180	53.38	ug/l	100

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

