

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062826.D
 Acq On : 3 Jun 2019 14:00
 Operator : FY/SY
 Sample : K3135-01RE
 Misc : 6.36g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ROLL-OFF-COMPRES

Quant Time: Jun 04 08:50:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	3424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	1307	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.86	117	436	50.00	ug/l	-0.07
72) 1,4-Dichlorobenzene-d4	12.62	152	95	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	684	28.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	57.78%	
35) Dibromofluoromethane	4.31	113	481	48.70	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	97.40%	
50) Toluene-d8	7.68	98	276	11.05	ug/l	-0.05
Spiked Amount				50.000		
			Recovery	=	22.10%	
62) 4-Bromofluorobenzene	11.44	95	823	91.61	ug/l	-0.07
Spiked Amount				50.000		
			Recovery	=	183.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.02	85	329	4.580	ug/l #	39
3) Chloromethane	1.19	50	342	9.653	ug/l #	17
4) Vinyl Chloride	1.22	62	518	14.713	ug/l #	79
5) Bromomethane	1.44	94	408	20.321	ug/l	94
6) Chloroethane	1.52	64	591	44.898	ug/l	95
7) Trichlorofluoromethane	1.55	101	202	4.053	ug/l #	16
8) Diethyl Ether	1.69	74	486	49.563	ug/l	67
9) 1,1,2-Trichlorotrifluoroet	1.94	101	168	5.361	ug/l #	18
10) Methyl Iodide	2.01	142	75	1.194	ug/l #	1
11) Tert butyl alcohol	2.71	59	291	202.881	ug/l #	1
12) 1,1-Dichloroethene	1.90	96	193	6.783	ug/l #	21
13) Acrolein	2.03	56	580	1037.993	ug/l	85
14) Allyl chloride	2.23	41	816	36.966	ug/l #	42
15) Acrylonitrile	3.12	53	460	85.349	ug/l #	1
16) Acetone	2.40	43	483	89.128	ug/l #	53
17) Carbon Disulfide	1.95	76	497	5.976	ug/l #	1
18) Methyl Acetate	2.49	43	522	55.122	ug/l #	47
19) Methyl tert-butyl Ether	2.58	73	783	15.189	ug/l	94
20) Methylene Chloride	2.38	84	179	3.839	ug/l #	55
21) trans-1,2-Dichloroethene	2.44	96	134	4.697	ug/l #	16
22) Diisopropyl ether	2.98	45	837	13.346	ug/l #	10
23) Vinyl Acetate	3.32	43	965	22.476	ug/l #	73
24) 1,1-Dichloroethane	3.08	63	888	18.964	ug/l #	88
25) 2-Butanone	4.51	43	464	36.767	ug/l	91
26) 2,2-Dichloropropane	3.90	77	500	18.806	ug/l	96
27) cis-1,2-Dichloroethene	3.66	96	197	4.108	ug/l	32
28) Bromochloromethane	3.92	49	526	20.651	ug/l #	37
29) Tetrahydrofuran	4.27	42	1259	260.835	ug/l #	43
30) Chloroform	4.10	83	371	5.622	ug/l #	15
31) Cyclohexane	3.90	56	574	9.054	ug/l #	4
32) 1,1,1-Trichloroethane	4.35	97	513	13.351	ug/l #	5
36) 1,1-Dichloropropene	4.46	75	641	53.274	ug/l #	39
37) Ethyl Acetate	4.31	43	806	175.238	ug/l #	36
38) Carbon Tetrachloride	4.18	117	303	37.261	ug/l #	53

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062826.D
 Acq On : 3 Jun 2019 14:00
 Operator : FY/SY
 Sample : K3135-01RE
 Misc : 6.36g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ROLL-OFF-COMPRES

Quant Time: Jun 04 08:50:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	577	38.531	ug/l #	64
40) Benzene	4.86	78	954	27.243	ug/l #	38
41) Methacrylonitrile	4.92	41	406	158.784	ug/l #	4
42) 1,2-Dichloroethane	5.14	62	533	80.028	ug/l	69
43) Isopropyl Acetate	7.11	43	1338	220.213	ug/l #	93
44) Trichloroethene	5.66	130	293	29.647	ug/l	3
45) 1,2-Dichloropropane	6.39	63	94	10.697	ug/l #	44
46) Dibromomethane	6.24	93	280	54.575	ug/l #	37
47) Bromodichloromethane	6.58	83	101	9.666	ug/l #	23
48) Methyl methacrylate	6.84	41	582	185.864	ug/l #	38
49) 1,4-Dioxane	6.46	88	380	9206.696	ug/l	94
51) 4-Methyl-2-Pentanone	8.38	43	1677	386.597	ug/l #	62
52) Toluene	7.69	92	95	5.037	ug/l	88
53) t-1,3-Dichloropropene	8.39	75	414	47.815	ug/l #	43
54) cis-1,3-Dichloropropene	7.44	75	92	7.341	ug/l #	1
55) 1,1,2-Trichloroethane	8.59	97	89	15.795	ug/l #	52
56) Ethyl methacrylate	8.71	69	443	73.273	ug/l #	32
57) 1,3-Dichloropropane	8.88	76	358	38.906	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.45	63	583	275.915	ug/l #	51
59) 2-Hexanone	9.51	43	430	139.074	ug/l	100
60) Dibromochloromethane	8.82	129	162	23.222	ug/l #	12
61) 1,2-Dibromoethane	9.12	107	97	16.576	ug/l	97
64) Tetrachloroethene	8.38	164	85	25.370	ug/l #	1
65) Chlorobenzene	9.96	112	181	21.497	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.09	131	66	19.682	ug/l #	1
67) Ethyl Benzene	10.06	91	138	9.551	ug/l #	42
68) m/p-Xylenes	10.31	106	113	20.438	ug/l	95
69) o-Xylene	10.79	106	148	26.438	ug/l	56
70) Styrene	10.90	104	259	31.390	ug/l #	1
71) Bromoform	10.89	173	101	62.787	ug/l #	28
73) Isopropylbenzene	11.24	105	163	24.590	ug/l #	44
74) N-amyl acetate	11.43	43	2362	1264.280	ug/l #	82
75) 1,1,1,2,2-Tetrachloroethane	11.78	83	78	55.101	ug/l #	1
76) 1,2,3-Trichloropropane	11.95	75	282	300.536	ug/l	68
77) Bromobenzene	11.62	156	69	41.428	ug/l #	1
78) n-propylbenzene	11.68	91	819	102.327	ug/l	83
79) 2-Chlorotoluene	11.80	91	160	34.937	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.92	105	94	17.340	ug/l	87
81) trans-1,4-Dichloro-2-buten	11.95	75	282	709.867	ug/l #	64
82) 4-Chlorotoluene	12.09	91	334	74.211	ug/l	98
83) tert-Butylbenzene	12.23	119	245	45.612	ug/l #	40
84) 1,2,4-Trimethylbenzene	12.35	105	439	85.413	ug/l	84
85) sec-Butylbenzene	12.35	105	439	62.024	ug/l #	55
86) p-Isopropyltoluene	12.54	119	334	56.693	ug/l #	48
87) 1,3-Dichlorobenzene	12.53	146	145	49.365	ug/l #	23
88) 1,4-Dichlorobenzene	12.65	146	82	29.913	ug/l #	23
89) n-Butylbenzene	12.88	91	85	14.343	ug/l #	24
90) Hexachloroethane	12.98	117	262	182.340	ug/l #	10
91) 1,2-Dichlorobenzene	12.98	146	210	81.340	ug/l #	31
92) 1,2-Dibromo-3-Chloropropan	13.68	75	148	959.652	ug/l #	1

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060319\
Data File : VF062826.D
Acq On : 3 Jun 2019 14:00
Operator : FY/SY
Sample : K3135-01RE
Misc : 6.36g/5mL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
ROLL-OFF-COMPRE

Quant Time: Jun 04 08:50:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	66	37.232	ug/l #	10
94) Hexachlorobutadiene	14.24	225	92	75.020	ug/l #	19
95) Naphthalene	14.50	128	66	22.726	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.66	180	76	46.968	ug/l #	11

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

