

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
 Data File : VF062436.D
 Acq On : 10 May 2019 23:30
 Operator : FY/SY
 Sample : VF0510SBSD02
 Misc : 5.00g/5mL/MSVOA_F/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0510SBSD02

Manual Integrations
 APPROVED

mohammad
 5/14/2019 8:35:50 AM

Quant Time: May 11 06:21:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	316105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	424303	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	379054	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	235145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	164841	55.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.36%	
35) Dibromofluoromethane	4.31	113	196134	58.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.04%	
50) Toluene-d8	7.72	98	456622	55.80	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.60%	
62) 4-Bromofluorobenzene	11.50	95	196132	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.01	85	79761	21.802	ug/l	95
3) Chloromethane	1.16	50	48100	19.935	ug/l	99
4) Vinyl Chloride	1.20	62	48329	20.081	ug/l	98
5) Bromomethane	1.39	94	39131	20.044	ug/l	99
6) Chloroethane	1.44	64	25515	21.087	ug/l #	86
7) Trichlorofluoromethane	1.57	101	110570	22.143	ug/l	98
8) Diethyl Ether	1.72	74	16848	22.299	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	1.91	101	65109	22.839	ug/l	97
10) Methyl Iodide	1.98	142	108288	23.050	ug/l	99
11) Tert butyl alcohol	2.70	59	14684	86.972	ug/l #	74
12) 1,1-Dichloroethene	1.88	96	50303	20.756	ug/l	96
13) Acrolein	2.10	56	9844	79.967	ug/l #	67
14) Allyl chloride	2.20	41	62755m	29.313	ug/l	
15) Acrylonitrile	3.09	53	28649	89.579	ug/l	85
16) Acetone	2.35	43	55127	91.223	ug/l	93
17) Carbon Disulfide	1.92	76	108256m	20.486	ug/l	
18) Methyl Acetate	2.47	43	23767	19.666	ug/l	97
19) Methyl tert-butyl Ether	2.56	73	106883	21.365	ug/l	96
20) Methylene Chloride	2.34	84	52832m	24.164	ug/l	
21) trans-1,2-Dichloroethene	2.43	96	47844	20.720	ug/l	96
22) Diisopropyl ether	2.94	45	140847	21.050	ug/l #	97
23) Vinyl Acetate	3.35	43	305211	102.346	ug/l	98
24) 1,1-Dichloroethane	3.02	63	92559	22.888	ug/l	99
25) 2-Butanone	4.53	43	73951	97.404	ug/l	99
26) 2,2-Dichloropropane	3.78	77	53476	23.680	ug/l	96
27) cis-1,2-Dichloroethene	3.65	96	62656	21.708	ug/l	95
28) Bromochloromethane	3.91	49	36743	20.034	ug/l	100
29) Tetrahydrofuran	4.27	42	34319	98.354	ug/l	95
30) Chloroform	4.05	83	128639	23.546	ug/l	98
31) Cyclohexane	3.88	56	70967	21.986	ug/l	98
32) 1,1,1-Trichloroethane	4.29	97	112746	24.079	ug/l	95
36) 1,1-Dichloropropene	4.48	75	83551	22.923	ug/l	98
37) Ethyl Acetate	4.31	43	31281	18.745	ug/l #	94
38) Carbon Tetrachloride	4.19	117	103526m	26.052	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
 Data File : VF062436.D
 Acq On : 10 May 2019 23:30
 Operator : FY/SY
 Sample : VF0510SBSD02
 Misc : 5.00g/5mL/MSVOA_F/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VF0510SBSD02

Manual Integrations
 APPROVED

mohammad
 5/14/2019 8:35:50 AM

Quant Time: May 11 06:21:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	79526	21.755	ug/l	98
40) Benzene	4.83	78	184892	23.036	ug/l	99
41) Methacrylonitrile	4.94	41	16500	18.879	ug/l #	62
42) 1,2-Dichloroethane	5.13	62	69627	20.741	ug/l	97
43) Isopropyl Acetate	7.12	43	31519	19.012	ug/l #	99
44) Trichloroethene	5.69	130	66488	22.550	ug/l	99
45) 1,2-Dichloropropane	6.41	63	39756	21.868	ug/l	89
46) Dibromomethane	6.27	93	32759	21.733	ug/l	98
47) Bromodichloromethane	6.56	83	82540	21.902	ug/l	97
48) Methyl methacrylate	6.88	41	25042	21.374	ug/l	99
49) 1,4-Dioxane	6.88	88	4330	350.860	ug/l	90
51) 4-Methyl-2-Pentanone	8.41	43	126180	100.441	ug/l	97
52) Toluene	7.78	92	102574	20.716	ug/l	96
53) t-1,3-Dichloropropene	8.43	75	57171	20.058	ug/l	99
54) cis-1,3-Dichloropropene	7.47	75	69692	21.009	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	33166	21.100	ug/l	87
56) Ethyl methacrylate	8.77	69	32259	19.442	ug/l	95
57) 1,3-Dichloropropane	9.00	76	51310	21.610	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.46	63	51715	103.669	ug/l	95
59) 2-Hexanone	9.62	43	88540	101.907	ug/l	96
60) Dibromochloromethane	8.87	129	53011	20.620	ug/l	99
61) 1,2-Dibromoethane	9.14	107	37899	20.514	ug/l	95
64) Tetrachloroethene	8.31	164	67906	22.067	ug/l	97
65) Chlorobenzene	9.94	112	133274	21.250	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.07	131	64667	20.439	ug/l	99
67) Ethyl Benzene	10.04	91	236880	21.569	ug/l	97
68) m/p-Xylenes	10.26	106	174242	43.001	ug/l	100
69) o-Xylene	10.83	106	90200	20.600	ug/l	97
70) Styrene	10.90	104	134952	20.565	ug/l	99
71) Bromoform	10.89	173	33161	19.131	ug/l #	91
73) Isopropylbenzene	11.22	105	285846	20.505	ug/l	98
74) N-amyl acetate	11.45	43	57702	19.280	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.77	83	43255	19.817	ug/l	97
76) 1,2,3-Trichloropropane	11.87	75	33079	19.864	ug/l #	100
77) Bromobenzene	11.59	156	76430	20.891	ug/l	98
78) n-propylbenzene	11.67	91	309156	20.830	ug/l	99
79) 2-Chlorotoluene	11.80	91	186692	20.229	ug/l	99
80) 1,3,5-Trimethylbenzene	11.90	105	259777	21.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	8683	13.872	ug/l #	74
82) 4-Chlorotoluene	11.98	91	193433	21.221	ug/l	100
83) tert-Butylbenzene	12.20	119	263404	20.513	ug/l	99
84) 1,2,4-Trimethylbenzene	12.28	105	245068	20.495	ug/l	99
85) sec-Butylbenzene	12.37	105	338531	21.659	ug/l	99
86) p-Isopropyltoluene	12.52	119	317981	21.897	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	148805	22.270	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	132489	20.544	ug/l	98
89) n-Butylbenzene	12.90	91	271890	21.045	ug/l	98
90) Hexachloroethane	12.98	117	72923	20.112	ug/l	98
91) 1,2-Dichlorobenzene	13.01	146	139908	21.633	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.70	75	9233	18.882	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062436.D
Acq On : 10 May 2019 23:30
Operator : FY/SY
Sample : VF0510SBSD02
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0510SBSD02

Manual Integrations
APPROVED

mohammad
5/14/2019 8:35:50 AM

Quant Time: May 11 06:21:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	127538	21.985	ug/l	98
94) Hexachlorobutadiene	14.23	225	93283	21.575	ug/l	98
95) Naphthalene	14.49	128	176474	20.235	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	114953	20.454	ug/l	99

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

