

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060229.D
 Acq On : 10 Sep 2018 12:40
 Operator : VA/AP
 Sample : VF0910SBSD01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0910SBSD01

Quant Time: Sep 10 13:14:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	145941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	211859	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	225647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	147031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	132074	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	4.30	113	106273	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	7.71	98	245650	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	11.52	95	143489	49.10	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	69457	24.97	ug/l	98
3) Chloromethane	1.07	50	32604	22.23	ug/l	99
4) Vinyl Chloride	1.13	62	30214	26.72	ug/l	94
5) Bromomethane	1.31	94	22758	22.47	ug/l	95
6) Chloroethane	1.39	64	16155	22.31	ug/l	96
7) Trichlorofluoromethane	1.48	101	87541	27.76	ug/l	100
8) Diethyl Ether	1.70	74	9968	21.38	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.86	101	37347	24.22	ug/l	93
10) Methyl Iodide	1.93	142	29410	21.17	ug/l #	93
11) Tert butyl alcohol	2.67	59	11328	89.14	ug/l #	94
12) 1,1-Dichloroethene	1.83	96	23847	22.73	ug/l	92
13) Acrolein	2.09	56	6305	108.77	ug/l #	71
14) Allyl chloride	2.18	41	47428	30.15	ug/l	95
15) Acrylonitrile	3.07	53	21715	112.03	ug/l	94
16) Acetone	2.34	43	61253	93.69	ug/l	98
17) Carbon Disulfide	1.84	76	79894	26.13	ug/l	95
18) Methyl Acetate	2.45	43	22867	26.54	ug/l	94
19) Methyl tert-butyl Ether	2.54	73	75821	21.85	ug/l	97
20) Methylene Chloride	2.28	84	28548	17.05	ug/l	90
21) trans-1,2-Dichloroethene	2.41	96	27363	25.49	ug/l	94
22) Diisopropyl ether	2.92	45	88110	22.35	ug/l	99
23) Vinyl Acetate	3.33	43	129175	93.39	ug/l	97
24) 1,1-Dichloroethane	3.00	63	70934	27.66	ug/l	99
25) 2-Butanone	4.51	43	66296	92.52	ug/l #	91
26) 2,2-Dichloropropane	3.76	77	72186	21.49	ug/l	98
27) cis-1,2-Dichloroethene	3.64	96	34670	24.75	ug/l	90
28) Bromochloromethane	3.89	49	21503	24.62	ug/l #	80
29) Tetrahydrofuran	4.24	42	24285	102.51	ug/l	96
30) Chloroform	4.03	83	87196	23.21	ug/l	94
31) Cyclohexane	3.87	56	39416	22.47	ug/l #	91
32) 1,1,1-Trichloroethane	4.28	97	84124	22.48	ug/l	99
36) 1,1-Dichloropropene	4.46	75	50758	20.36	ug/l	94
37) Ethyl Acetate	4.28	43	24454	17.56	ug/l #	1
38) Carbon Tetrachloride	4.17	117	71834	20.95	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	46335	22.18	ug/l	94
40) Benzene	4.81	78	94683	21.31	ug/l	97
41) Methacrylonitrile	4.92	41	11802	18.20	ug/l	93
42) 1,2-Dichloroethane	5.12	62	69588	21.67	ug/l	98
43) Isopropyl Acetate	7.11	43	27163	18.73	ug/l #	100
44) Trichloroethene	5.68	130	36973	20.55	ug/l	97
45) 1,2-Dichloropropane	6.40	63	26404	20.91	ug/l	95
46) Dibromomethane	6.25	93	23970	21.56	ug/l	90
47) Bromodichloromethane	6.55	83	63342	20.99	ug/l	92
48) Methyl methacrylate	6.87	41	21307	18.49	ug/l	99
49) 1,4-Dioxane	6.86	88	3070	181.34	ug/l #	76
51) 4-Methyl-2-Pentanone	8.40	43	138056	107.13	ug/l	99
52) Toluene	7.78	92	72306	21.02	ug/l	91
53) t-1,3-Dichloropropene	8.43	75	52680	20.77	ug/l	89
54) cis-1,3-Dichloropropene	7.47	75	50724	19.27	ug/l	93
55) 1,1,2-Trichloroethane	8.64	97	24521	19.38	ug/l	89
56) Ethyl methacrylate	8.77	69	28288	19.55	ug/l	92
57) 1,3-Dichloropropane	9.00	76	44731	19.88	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.78	63	16936	108.86	ug/l	100
59) 2-Hexanone	9.63	43	106674	110.02	ug/l	98
60) Dibromochloromethane	8.86	129	43921	20.95	ug/l	98
61) 1,2-Dibromoethane	9.14	107	28714	18.92	ug/l	97
64) Tetrachloroethene	8.31	164	46300	17.32	ug/l	97
65) Chlorobenzene	9.94	112	98770	21.15	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.08	131	40295	19.47	ug/l	92
67) Ethyl Benzene	10.05	91	192298	22.07	ug/l	99
68) m/p-Xylenes	10.27	106	129075	44.15	ug/l	96
69) o-Xylene	10.84	106	68062	21.82	ug/l	90
70) Styrene	10.91	104	104763	22.16	ug/l	98
71) Bromoform	10.90	173	26084	21.83	ug/l #	91
73) Isopropylbenzene	11.23	105	216712	21.37	ug/l	96
74) N-amyl acetate	11.47	43	37162	21.43	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.78	83	31608	20.72	ug/l	98
76) 1,2,3-Trichloropropane	11.89	75	31366	19.41	ug/l	80
77) Bromobenzene	11.60	156	55383	20.85	ug/l	87
78) n-propylbenzene	11.69	91	264057	21.73	ug/l	94
79) 2-Chlorotoluene	11.81	91	162832	22.18	ug/l	98
80) 1,3,5-Trimethylbenzene	11.91	105	202712	22.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.96	75	8731	24.50	ug/l #	71
82) 4-Chlorotoluene	11.99	91	168478	20.68	ug/l	98
83) tert-Butylbenzene	12.22	119	191278	23.45	ug/l	98
84) 1,2,4-Trimethylbenzene	12.29	105	199782	21.97	ug/l	98
85) sec-Butylbenzene	12.39	105	248410	22.07	ug/l	97
86) p-Isopropyltoluene	12.54	119	218218	21.84	ug/l	99
87) 1,3-Dichlorobenzene	12.55	146	89191	18.38	ug/l	92
88) 1,4-Dichlorobenzene	12.65	146	102819	21.41	ug/l	99
89) n-Butylbenzene	12.92	91	207507	21.47	ug/l	96
90) Hexachloroethane	13.00	117	47436	23.41	ug/l	98
91) 1,2-Dichlorobenzene	13.01	146	102234	22.19	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.71	75	7686	19.75	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	74261	20.85	ug/l	100
94) Hexachlorobutadiene	14.26	225	54782	21.58	ug/l	97
95) Naphthalene	14.52	128	84515	17.02	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	66141	19.79	ug/l	94

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

