

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042519\
 Data File : VF062290.D
 Acq On : 25 Apr 2019 14:22
 Operator : FY/SY
 Sample : VF0425SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0425SBS01

Quant Time: Apr 26 01:22:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	435300	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	600643	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	437532	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	252794	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	191111	54.20	ug/l	0.00
Spiked Amount						
			Recovery	=	108.40%	
35) Dibromofluoromethane	4.31	113	232148	52.13	ug/l	-0.01
Spiked Amount						
			Recovery	=	104.26%	
50) Toluene-d8	7.71	98	522554	48.04	ug/l	-0.01
Spiked Amount						
			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.50	95	212776	47.45	ug/l	-0.01
Spiked Amount						
			Recovery	=	94.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	113903	22.019	ug/l	97
3) Chloromethane	1.16	50	86478	19.844	ug/l	95
4) Vinyl Chloride	1.21	62	81486	19.743	ug/l	95
5) Bromomethane	1.40	94	55244	19.710	ug/l	95
6) Chloroethane	1.44	64	37981	20.992	ug/l	95
7) Trichlorofluoromethane	1.56	101	133256	20.318	ug/l	95
8) Diethyl Ether	1.72	74	23323	19.630	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	1.92	101	86243	20.954	ug/l	97
10) Methyl Iodide	1.99	142	145052	20.162	ug/l	99
11) Tert butyl alcohol	2.70	59	22841	107.088	ug/l #	94
12) 1,1-Dichloroethene	1.88	96	73558	20.030	ug/l	93
13) Acrolein	2.10	56	21951	114.399	ug/l	92
14) Allyl chloride	2.20	41	79805	19.968	ug/l #	70
15) Acrylonitrile	3.10	53	59253	100.302	ug/l	96
16) Acetone	2.35	43	83696	106.018	ug/l	93
17) Carbon Disulfide	1.92	76	182577	18.890	ug/l	99
18) Methyl Acetate	2.47	43	30938	19.233	ug/l #	92
19) Methyl tert-butyl Ether	2.56	73	144626	20.657	ug/l	96
20) Methylene Chloride	2.36	84	76575m	19.500	ug/l	
21) trans-1,2-Dichloroethene	2.43	96	69050	19.026	ug/l	95
22) Diisopropyl ether	2.94	45	209889	19.508	ug/l	97
23) Vinyl Acetate	3.35	43	468858	98.269	ug/l	99
24) 1,1-Dichloroethane	3.02	63	126240	20.557	ug/l	99
25) 2-Butanone	4.53	43	127744	102.051	ug/l	100
26) 2,2-Dichloropropane	3.78	77	69408	21.764	ug/l	96
27) cis-1,2-Dichloroethene	3.65	96	91841	19.983	ug/l	99
28) Bromochloromethane	3.91	49	54871	21.203	ug/l #	98
29) Tetrahydrofuran	4.27	42	55097	100.172	ug/l	98
30) Chloroform	4.05	83	155638	20.183	ug/l	96
31) Cyclohexane	3.89	56	117891	20.175	ug/l	92
32) 1,1,1-Trichloroethane	4.29	97	124183	20.511	ug/l	96
36) 1,1-Dichloropropene	4.48	75	111732	20.163	ug/l	98
37) Ethyl Acetate	4.31	43	46281	19.852	ug/l	93
38) Carbon Tetrachloride	4.18	117	117511	20.860	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	129827	20.070	ug/l	97
40) Benzene	4.82	78	276031	20.617	ug/l	99
41) Methacrylonitrile	4.93	41	27257	21.046	ug/l	91
42) 1,2-Dichloroethane	5.13	62	90942	21.441	ug/l	100
43) Isopropyl Acetate	7.12	43	46958	19.528	ug/l #	99
44) Trichloroethene	5.68	130	93495	20.640	ug/l	99
45) 1,2-Dichloropropane	6.41	63	60949	20.191	ug/l	100
46) Dibromomethane	6.26	93	46958	21.544	ug/l	97
47) Bromodichloromethane	6.56	83	110653	21.594	ug/l	99
48) Methyl methacrylate	6.88	41	32390	18.964	ug/l	96
49) 1,4-Dioxane	6.88	88	7601	386.477	ug/l	92
51) 4-Methyl-2-Pentanone	8.40	43	172595	93.962	ug/l	100
52) Toluene	7.78	92	145760	18.867	ug/l	96
53) t-1,3-Dichloropropene	8.42	75	76975	20.429	ug/l	93
54) cis-1,3-Dichloropropene	7.46	75	96979	20.091	ug/l	94
55) 1,1,2-Trichloroethane	8.64	97	41393	18.865	ug/l	95
56) Ethyl methacrylate	8.76	69	41453	17.197	ug/l	96
57) 1,3-Dichloropropane	9.00	76	63454	18.393	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.45	63	73383	100.047	ug/l	98
59) 2-Hexanone	9.62	43	109818	88.792	ug/l	96
60) Dibromochloromethane	8.86	129	67439	18.938	ug/l	98
61) 1,2-Dibromoethane	9.13	107	52320	20.603	ug/l	92
64) Tetrachloroethene	8.30	164	77147	21.081	ug/l	97
65) Chlorobenzene	9.93	112	160751	20.105	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.07	131	82882	22.008	ug/l	99
67) Ethyl Benzene	10.03	91	282764	20.343	ug/l	96
68) m/p-Xylenes	10.26	106	206915	39.983	ug/l	94
69) o-Xylene	10.82	106	118648	20.521	ug/l	100
70) Styrene	10.90	104	164457	19.676	ug/l	100
71) Bromoform	10.88	173	41651	19.648	ug/l #	97
73) Isopropylbenzene	11.21	105	354728	20.481	ug/l	98
74) N-amyl acetate	11.45	43	66970	16.781	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.77	83	52376	19.034	ug/l	98
76) 1,2,3-Trichloropropane	11.87	75	38661	19.802	ug/l #	100
77) Bromobenzene	11.59	156	85513	19.750	ug/l	96
78) n-propylbenzene	11.67	91	368312	20.210	ug/l	98
79) 2-Chlorotoluene	11.80	91	228380	20.805	ug/l	99
80) 1,3,5-Trimethylbenzene	11.90	105	311096	21.276	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.94	75	17460m	20.007	ug/l	
82) 4-Chlorotoluene	11.97	91	220582	20.307	ug/l	100
83) tert-Butylbenzene	12.20	119	317808	21.179	ug/l	99
84) 1,2,4-Trimethylbenzene	12.27	105	295011	20.832	ug/l	97
85) sec-Butylbenzene	12.37	105	406162	21.732	ug/l	98
86) p-Isopropyltoluene	12.52	119	355874	21.238	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	155855	20.346	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	145833	20.079	ug/l	100
89) n-Butylbenzene	12.90	91	323053	21.218	ug/l	96
90) Hexachloroethane	12.97	117	90125	21.457	ug/l	100
91) 1,2-Dichlorobenzene	12.99	146	149818	20.375	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.68	75	10295	18.546	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	138741	21.478	ug/l	99
94) Hexachlorobutadiene	14.23	225	98947	21.299	ug/l	96
95) Naphthalene	14.49	128	194992	19.484	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	129975	21.274	ug/l	99

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

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