

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072518\
 Data File : VF059665.D
 Acq On : 25 Jul 2018 18:40
 Operator : VA/AP
 Sample : VF0725SBSD01
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0725SBSD01

Quant Time: Jul 26 03:44:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	188085	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	230186	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	191455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	114043	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	84855	32.38	ug/l	0.01
Spiked Amount	50.000		Recovery	=	64.76%	
35) Dibromofluoromethane	4.29	113	95779	46.23	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.46%	
50) Toluene-d8	7.71	98	244265	48.38	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.51	95	117416	45.26	ug/l	0.01
Spiked Amount	50.000		Recovery	=	90.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	50283	22.84	ug/l	95
3) Chloromethane	1.08	50	25631	22.26	ug/l	94
4) Vinyl Chloride	1.14	62	31484	25.90	ug/l	98
5) Bromomethane	1.33	94	20570	21.76	ug/l	99
6) Chloroethane	1.40	64	16724	22.87	ug/l	89
7) Trichlorofluoromethane	1.49	101	78636	23.83	ug/l	91
8) Diethyl Ether	1.70	74	7658	16.67	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	1.88	101	42521	24.98	ug/l	89
10) Methyl Iodide	1.93	142	58392	21.49	ug/l	97
11) Tert butyl alcohol	2.67	59	5862	60.06	ug/l #	93
12) 1,1-Dichloroethene	1.82	96	30939	24.14	ug/l	88
13) Acrolein	2.09	56	2477	51.77	ug/l	92
14) Allyl chloride	2.19	41	47439	21.27	ug/l	99
15) Acrylonitrile	3.08	53	11429	68.03	ug/l	93
16) Acetone	2.33	43	23985	58.04	ug/l	94
17) Carbon Disulfide	1.84	76	93531	29.00	ug/l	99
18) Methyl Acetate	2.44	43	9454	12.47	ug/l #	87
19) Methyl tert-butyl Ether	2.53	73	46692	13.76	ug/l	98
20) Methylene Chloride	2.27	84	22191	16.61	ug/l	90
21) trans-1,2-Dichloroethene	2.40	96	31566	23.36	ug/l	93
22) Diisopropyl ether	2.92	45	75635	17.68	ug/l	97
23) Vinyl Acetate	3.33	43	126782	64.24	ug/l #	94
24) 1,1-Dichloroethane	2.99	63	62488	20.53	ug/l	97
25) 2-Butanone	4.51	43	37033	75.24	ug/l	95
26) 2,2-Dichloropropane	3.76	77	67953	28.85	ug/l	98
27) cis-1,2-Dichloroethene	3.62	96	31760	19.20	ug/l	95
28) Bromochloromethane	3.88	49	16835	13.67	ug/l	91
29) Tetrahydrofuran	4.26	42	12024	49.50	ug/l	98
30) Chloroform	4.03	83	78352	18.56	ug/l	97
31) Cyclohexane	3.85	56	46350	26.16	ug/l	94
32) 1,1,1-Trichloroethane	4.28	97	87222	24.24	ug/l	97
36) 1,1-Dichloropropene	4.45	75	61143	25.93	ug/l	95
37) Ethyl Acetate	4.30	43	14434	14.67	ug/l #	88
38) Carbon Tetrachloride	4.17	117	85654	26.32	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	56575	29.58	ug/l	98
40) Benzene	4.81	78	99296	22.76	ug/l	95
41) Methacrylonitrile	4.92	41	6507	14.75	ug/l	92
42) 1,2-Dichloroethane	5.11	62	39007	15.09	ug/l	97
43) Isopropyl Acetate	7.11	43	13510	13.03	ug/l #	96
44) Trichloroethene	5.67	130	38521	23.92	ug/l	97
45) 1,2-Dichloropropane	6.39	63	19681	17.82	ug/l	96
46) Dibromomethane	6.26	93	14061	15.07	ug/l	96
47) Bromodichloromethane	6.54	83	50507	18.52	ug/l	92
48) Methyl methacrylate	6.87	41	9259	12.13	ug/l #	87
49) 1,4-Dioxane	6.89	88	1933	328.99	ug/l #	72
51) 4-Methyl-2-Pentanone	8.41	43	55138	72.33	ug/l	96
52) Toluene	7.78	92	72095	23.67	ug/l	91
53) t-1,3-Dichloropropene	8.43	75	33385	15.36	ug/l	99
54) cis-1,3-Dichloropropene	7.46	75	41195	17.93	ug/l	96
55) 1,1,2-Trichloroethane	8.64	97	14626	15.04	ug/l	97
56) Ethyl methacrylate	8.76	69	14187	13.64	ug/l	88
57) 1,3-Dichloropropane	9.00	76	26496	15.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.77	63	13098	98.14	ug/l	100
59) 2-Hexanone	9.63	43	41567	71.40	ug/l	97
60) Dibromochloromethane	8.86	129	26341	14.65	ug/l	93
61) 1,2-Dibromoethane	9.14	107	17307	14.57	ug/l	98
64) Tetrachloroethene	8.30	164	40509	26.70	ug/l	91
65) Chlorobenzene	9.94	112	81307	22.92	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.07	131	35287	21.46	ug/l	99
67) Ethyl Benzene	10.04	91	170747	26.79	ug/l	98
68) m/p-Xylenes	10.27	106	120229	52.79	ug/l	90
69) o-Xylene	10.83	106	59023	24.35	ug/l	100
70) Styrene	10.90	104	80559	23.01	ug/l	97
71) Bromoform	10.89	173	14455	15.62	ug/l	89
73) Isopropylbenzene	11.22	105	214682	29.95	ug/l	99
74) N-amyl acetate	11.46	43	28752	18.71	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.79	83	19144	17.64	ug/l	95
76) 1,2,3-Trichloropropane	11.89	75	15446	17.23	ug/l	87
77) Bromobenzene	11.60	156	39602	22.59	ug/l	92
78) n-propylbenzene	11.69	91	257369	30.17	ug/l	98
79) 2-Chlorotoluene	11.82	91	135775	26.44	ug/l	94
80) 1,3,5-Trimethylbenzene	11.91	105	179210	28.14	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	6167	11.18	ug/l #	85
82) 4-Chlorotoluene	11.99	91	135980	24.82	ug/l	92
83) tert-Butylbenzene	12.22	119	186709	29.08	ug/l	94
84) 1,2,4-Trimethylbenzene	12.29	105	174725	26.73	ug/l	99
85) sec-Butylbenzene	12.39	105	257821	30.12	ug/l	95
86) p-Isopropyltoluene	12.54	119	211836	28.43	ug/l	98
87) 1,3-Dichlorobenzene	12.56	146	83696	24.45	ug/l	96
88) 1,4-Dichlorobenzene	12.64	146	77604	22.83	ug/l	97
89) n-Butylbenzene	12.92	91	211058	30.47	ug/l	97
90) Hexachloroethane	13.00	117	50712	27.90	ug/l #	1
91) 1,2-Dichlorobenzene	13.02	146	68815	21.00	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.72	75	3538	12.64	ug/l #	58

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	49114	17.41	ug/l	98
94) Hexachlorobutadiene	14.26	225	49939	26.38	ug/l	92
95) Naphthalene	14.53	128	53662	13.22	ug/l	96
96) 1,2,3-Trichlorobenzene	14.67	180	39940	17.25	ug/l	95

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

