

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082918\
 Data File : VF060169.D
 Acq On : 29 Aug 2018 1:26
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 29 02:11:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 29 02:08:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	76803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	86943	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	69846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	34941	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	24118	25.02	ug/l	0.00
Spiked Amount			Recovery	=	50.04%	
35) Dibromofluoromethane	4.27	113	28733	43.17	ug/l	0.00
Spiked Amount			Recovery	=	86.34%	
50) Toluene-d8	7.70	98	96070	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.50	95	33644	34.48	ug/l	0.00
Spiked Amount			Recovery	=	68.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	80786	71.99	ug/l	100
3) Chloromethane	1.07	50	27763	38.16	ug/l	100
4) Vinyl Chloride	1.12	62	28724	46.00	ug/l	100
5) Bromomethane	1.32	94	13742	30.80	ug/l	100
6) Chloroethane	1.41	64	17840	66.76	ug/l	100
7) Trichlorofluoromethane	1.49	101	134598	90.23	ug/l	100
8) Diethyl Ether	1.68	74	5030	24.67	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.86	101	59950	79.80	ug/l	100
10) Methyl Iodide	1.93	142	27164	33.41	ug/l	100
11) Tert butyl alcohol	2.61	59	1812	37.90	ug/l	100
12) 1,1-Dichloroethene	1.82	96	37104	70.09	ug/l	100
13) Acrolein	2.08	56	2533	104.77	ug/l	100
14) Allyl chloride	2.18	41	30316	36.60	ug/l	100
15) Acrylonitrile	3.04	53	5760	59.45	ug/l	100
16) Acetone	2.30	43	14083	58.85	ug/l	100
17) Carbon Disulfide	1.84	76	112075	67.06	ug/l	100
18) Methyl Acetate	2.42	43	4219	8.97	ug/l	100
19) Methyl tert-butyl Ether	2.50	73	25185	18.18	ug/l	100
20) Methylene Chloride	2.27	84	18339	30.05	ug/l	100
21) trans-1,2-Dichloroethene	2.40	96	31789	55.90	ug/l	100
22) Diisopropyl ether	2.89	45	48316	27.17	ug/l	100
23) Vinyl Acetate	3.30	43	64070	72.31	ug/l	100
24) 1,1-Dichloroethane	2.99	63	51742	44.05	ug/l	100
25) 2-Butanone	4.46	43	14211	46.00	ug/l	100
26) 2,2-Dichloropropane	3.73	77	38686	33.19	ug/l	100
27) cis-1,2-Dichloroethene	3.62	96	22690	31.54	ug/l	100
28) Bromochloromethane	3.87	49	10449	22.70	ug/l	100
29) Tetrahydrofuran	4.21	42	7235	61.37	ug/l	100
30) Chloroform	4.01	83	57427	35.99	ug/l	100
31) Cyclohexane	3.85	56	53833	56.78	ug/l	100
32) 1,1,1-Trichloroethane	4.26	97	85891	57.81	ug/l	100
36) 1,1-Dichloropropene	4.44	75	58212	66.30	ug/l	100
37) Ethyl Acetate	4.26	43	6883	15.93	ug/l	100
38) Carbon Tetrachloride	4.16	117	86652	80.26	ug/l	100

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39) Methylcyclohexane	5.62	83	63308	73.85	ug/l	100
40) Benzene	4.80	78	78460	44.48	ug/l	100
41) Methacrylonitrile	4.89	41	3831	17.34	ug/l	100
42) 1,2-Dichloroethane	5.09	62	27110	30.35	ug/l	100
43) Isopropyl Acetate	7.09	43	8059	14.97	ug/l	100
44) Trichloroethene	5.66	130	34954	57.03	ug/l	100
45) 1,2-Dichloropropane	6.39	63	16967	35.64	ug/l	100
46) Dibromomethane	6.25	93	9326	25.87	ug/l	100
47) Bromodichloromethane	6.53	83	32726	36.10	ug/l	100
48) Methyl methacrylate	6.85	41	6499	18.08	ug/l	100
49) 1,4-Dioxane	6.83	88	866	254.49	ug/l	100
51) 4-Methyl-2-Pentanone	8.39	43	36826	78.57	ug/l	100
52) Toluene	7.77	92	63810	48.66	ug/l	100
53) t-1,3-Dichloropropene	8.42	75	19619	24.80	ug/l	100
54) cis-1,3-Dichloropropene	7.44	75	24199	27.47	ug/l	100
55) 1,1,2-Trichloroethane	8.62	97	9691	22.42	ug/l	100
56) Ethyl methacrylate	8.74	69	9150	17.88	ug/l	100
57) 1,3-Dichloropropane	8.99	76	17850	23.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.77	63	13584	282.88	ug/l	100
59) 2-Hexanone	9.61	43	26391	70.03	ug/l	100
60) Dibromochloromethane	8.85	129	17879	27.46	ug/l	100
61) 1,2-Dibromoethane	9.13	107	10323	20.39	ug/l	100
64) Tetrachloroethene	8.30	164	43559	80.77	ug/l	100
65) Chlorobenzene	9.93	112	68544	51.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.06	131	24335	48.58	ug/l	100
67) Ethyl Benzene	10.03	91	168781	68.06	ug/l	100
68) m/p-Xylenes	10.25	106	132799	143.19	ug/l	100
69) o-Xylene	10.82	106	48676	53.82	ug/l	100
70) Styrene	10.89	104	59670	44.26	ug/l	100
71) Bromoform	10.88	173	9039	28.09	ug/l	100
73) Isopropylbenzene	11.23	105	202526	83.32	ug/l	100
74) N-amyl acetate	11.45	43	12639	21.77	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.78	83	11805	28.07	ug/l	100
76) 1,2,3-Trichloropropane	11.88	75	10875	32.54	ug/l	100
77) Bromobenzene	11.59	156	27784	48.78	ug/l	100
78) n-propylbenzene	11.68	91	240068	80.83	ug/l	100
79) 2-Chlorotoluene	11.81	91	109470	66.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.91	105	150126	73.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.95	75	2668	18.57	ug/l	100
82) 4-Chlorotoluene	11.98	91	105750	60.72	ug/l	100
83) tert-Butylbenzene	12.21	119	151557	75.80	ug/l	100
84) 1,2,4-Trimethylbenzene	12.28	105	130205	62.98	ug/l	100
85) sec-Butylbenzene	12.38	105	237469	82.61	ug/l	100
86) p-Isopropyltoluene	12.54	119	181787	78.11	ug/l	100
87) 1,3-Dichlorobenzene	12.56	146	59258	54.80	ug/l	100
88) 1,4-Dichlorobenzene	12.63	146	52629	49.72	ug/l	100
89) n-Butylbenzene	12.91	91	156940	71.95	ug/l	100
90) Hexachloroethane	12.99	117	38203	74.33	ug/l	100
91) 1,2-Dichlorobenzene	13.01	146	45823	45.79	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.71	75	2194	25.85	ug/l	100

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93) 1,2,4-Trichlorobenzene	14.26	180	20943	30.51	ug/l	100
94) Hexachlorobutadiene	14.25	225	42026	79.63	ug/l	100
95) Naphthalene	14.52	128	14863	15.27	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	16651	25.89	ug/l	100

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

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