

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062314.D
 Acq On : 29 Apr 2019 15:02
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 29 15:24:21 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	5.04	168	334955	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.76	114	460399	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	359688	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.60	152	206236	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	136391	50.27	ug/l	-0.03
Spiked Amount			Recovery	=	100.54%	
35) Dibromofluoromethane	4.29	113	169529	49.66	ug/l	-0.03
Spiked Amount			Recovery	=	99.32%	
50) Toluene-d8	7.69	98	409396	49.10	ug/l	-0.03
Spiked Amount			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.49	95	173772	50.56	ug/l	-0.02
Spiked Amount			Recovery	=	101.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.00	85	198349	49.830	ug/l	95
3) Chloromethane	1.15	50	148014	44.139	ug/l	97
4) Vinyl Chloride	1.20	62	139464	43.913	ug/l	94
5) Bromomethane	1.38	94	113865	52.794	ug/l	92
6) Chloroethane	1.43	64	76530	54.970	ug/l	97
7) Trichlorofluoromethane	1.55	101	291768	57.815	ug/l	95
8) Diethyl Ether	1.70	74	41428	45.313	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.91	101	161885	51.115	ug/l	98
10) Methyl Iodide	1.97	142	273690	49.439	ug/l	89
11) Tert butyl alcohol	2.68	59	39558	241.026	ug/l	98
12) 1,1-Dichloroethene	1.87	96	141195	49.966	ug/l	91
13) Acrolein	2.09	56	31357	205.310	ug/l	96
14) Allyl chloride	2.19	41	219778	71.464	ug/l #	58
15) Acrylonitrile	3.07	53	93403	205.476	ug/l	95
16) Acetone	2.34	43	173239	285.181	ug/l	95
17) Carbon Disulfide	1.92	76	344644	46.341	ug/l	96
18) Methyl Acetate	2.45	43	58581	51.979	ug/l	95
19) Methyl tert-butyl Ether	2.54	73	264547	49.106	ug/l	94
20) Methylene Chloride	2.33	84	121465m	46.458	ug/l	
21) trans-1,2-Dichloroethene	2.42	96	129159	46.250	ug/l	98
22) Diisopropyl ether	2.92	45	398951	48.188	ug/l	98
23) Vinyl Acetate	3.32	43	858966	233.966	ug/l	100
24) 1,1-Dichloroethane	3.00	63	231641	49.020	ug/l	99
25) 2-Butanone	4.51	43	219909	228.308	ug/l	95
26) 2,2-Dichloropropane	3.76	77	145242	59.188	ug/l	95
27) cis-1,2-Dichloroethene	3.63	96	161429	45.646	ug/l	93
28) Bromochloromethane	3.88	49	92087	46.245	ug/l #	96
29) Tetrahydrofuran	4.25	42	89483	211.428	ug/l	98
30) Chloroform	4.03	83	309306	52.127	ug/l	99
31) Cyclohexane	3.86	56	201540	44.823	ug/l	92
32) 1,1,1-Trichloroethane	4.27	97	256506	55.060	ug/l #	83
36) 1,1-Dichloropropene	4.46	75	212882	50.119	ug/l	99
37) Ethyl Acetate	4.29	43	81993	45.884	ug/l #	61
38) Carbon Tetrachloride	4.16	117	303419	70.267	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	229895	46.364	ug/l	99
40) Benzene	4.80	78	473942	46.183	ug/l	98
41) Methacrylonitrile	4.91	41	47853	48.203	ug/l #	90
42) 1,2-Dichloroethane	5.11	62	185626	57.096	ug/l	94
43) Isopropyl Acetate	7.09	43	82110	44.819	ug/l #	98
44) Trichloroethene	5.67	130	168947	48.659	ug/l	100
45) 1,2-Dichloropropane	6.39	63	111276	48.092	ug/l	99
46) Dibromomethane	6.24	93	84287	50.449	ug/l	97
47) Bromodichloromethane	6.54	83	210754	53.658	ug/l	98
48) Methyl methacrylate	6.86	41	62075	47.415	ug/l	94
49) 1,4-Dioxane	6.84	88	12835	851.395	ug/l	97
51) 4-Methyl-2-Pentanone	8.38	43	331240	235.261	ug/l	97
52) Toluene	7.76	92	278018	46.949	ug/l	94
53) t-1,3-Dichloropropene	8.41	75	149501	51.763	ug/l	94
54) cis-1,3-Dichloropropene	7.45	75	183528	49.602	ug/l	93
55) 1,1,2-Trichloroethane	8.62	97	86841	51.635	ug/l	92
56) Ethyl methacrylate	8.74	69	80044	43.322	ug/l #	89
57) 1,3-Dichloropropane	8.97	76	126349	47.781	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.44	63	116492	207.198	ug/l	96
59) 2-Hexanone	9.60	43	205278	238.180	ug/l	99
60) Dibromochloromethane	8.84	129	147925	54.192	ug/l	98
61) 1,2-Dibromoethane	9.11	107	99944	51.345	ug/l	94
64) Tetrachloroethene	8.28	164	152407	50.658	ug/l	98
65) Chlorobenzene	9.92	112	328554	49.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.05	131	167762	54.187	ug/l	98
67) Ethyl Benzene	10.01	91	583793	51.089	ug/l	95
68) m/p-Xylenes	10.24	106	417177	98.059	ug/l	95
69) o-Xylene	10.81	106	238583	50.195	ug/l	98
70) Styrene	10.88	104	331328	48.221	ug/l	99
71) Bromoform	10.87	173	89697	51.470	ug/l	99
73) Isopropylbenzene	11.20	105	702592	49.723	ug/l	98
74) N-amyl acetate	11.44	43	128412	39.442	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.75	83	109495	48.774	ug/l	97
76) 1,2,3-Trichloropropane	11.86	75	78827	49.491	ug/l #	100
77) Bromobenzene	11.57	156	172824	48.925	ug/l	97
78) n-propylbenzene	11.66	91	728179	48.976	ug/l	99
79) 2-Chlorotoluene	11.78	91	462012	51.589	ug/l	99
80) 1,3,5-Trimethylbenzene	11.88	105	606447	50.839	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.93	75	44892	63.054	ug/l #	73
82) 4-Chlorotoluene	11.96	91	444928	50.209	ug/l	100
83) tert-Butylbenzene	12.19	119	658582	53.797	ug/l	99
84) 1,2,4-Trimethylbenzene	12.26	105	589046	50.986	ug/l	97
85) sec-Butylbenzene	12.35	105	797618	52.311	ug/l	100
86) p-Isopropyltoluene	12.51	119	727145	53.192	ug/l	99
87) 1,3-Dichlorobenzene	12.52	146	305423	48.872	ug/l	99
88) 1,4-Dichlorobenzene	12.61	146	296496	50.038	ug/l	100
89) n-Butylbenzene	12.89	91	618622	49.804	ug/l	97
90) Hexachloroethane	12.97	117	184489	53.839	ug/l	99
91) 1,2-Dichlorobenzene	12.99	146	299001	49.843	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.68	75	23472	51.828	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	268094	50.871	ug/l	99
94) Hexachlorobutadiene	14.22	225	204447	53.942	ug/l	99
95) Naphthalene	14.48	128	388088	47.533	ug/l	99
96) 1,2,3-Trichlorobenzene	14.62	180	260899	52.344	ug/l	99

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

