

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050619\
 Data File : VF062347.D
 Acq On : 6 May 2019 20:32
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVVF050619

Quant Time: May 07 04:51:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	318518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	412742	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	353202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	197623	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	148816	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.88%		
35) Dibromofluoromethane	4.30	113	171728	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.44%		
50) Toluene-d8	7.71	98	413052	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.78%		
62) 4-Bromofluorobenzene	11.49	95	168244	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.70%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	159868	43.368	ug/l	98
3) Chloromethane	1.14	50	109737	45.136	ug/l	95
4) Vinyl Chloride	1.20	62	114687	47.293	ug/l	92
5) Bromomethane	1.40	94	95005	52.022	ug/l	88
6) Chloroethane	1.45	64	59858	49.096	ug/l	95
7) Trichlorofluoromethane	1.55	101	251916	50.068	ug/l	94
8) Diethyl Ether	1.71	74	35407	46.507	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.91	101	145869	50.780	ug/l	98
10) Methyl Iodide	1.99	142	231295m	48.860	ug/l	
11) Tert butyl alcohol	2.69	59	40108	235.758	ug/l #	93
12) 1,1-Dichloroethene	1.89	96	119907	49.101	ug/l	89
13) Acrolein	2.09	56	26463	251.804	ug/l	89
14) Allyl chloride	2.19	41	112667	52.228	ug/l	90
15) Acrylonitrile	3.09	53	87284	270.851	ug/l	99
16) Acetone	2.35	43	133946	219.971	ug/l	97
17) Carbon Disulfide	1.92	76	251087m	47.155	ug/l	
18) Methyl Acetate	2.46	43	54165	48.694	ug/l	98
19) Methyl tert-butyl Ether	2.55	73	250562	49.705	ug/l	96
20) Methylene Chloride	2.36	84	103783m	47.108	ug/l	
21) trans-1,2-Dichloroethene	2.42	96	107573m	46.235	ug/l	
22) Diisopropyl ether	2.93	45	325654	48.301	ug/l	99
23) Vinyl Acetate	3.34	43	781586	260.104	ug/l	100
24) 1,1-Dichloroethane	3.01	63	192978	47.359	ug/l	99
25) 2-Butanone	4.52	43	186093	243.255	ug/l	99
26) 2,2-Dichloropropane	3.77	77	106534	46.817	ug/l	97
27) cis-1,2-Dichloroethene	3.64	96	139980	48.130	ug/l	99
28) Bromochloromethane	3.90	49	98821	53.474	ug/l	98
29) Tetrahydrofuran	4.27	42	83195	236.621	ug/l	98
30) Chloroform	4.04	83	267680	48.624	ug/l	96
31) Cyclohexane	3.87	56	163146m	50.161	ug/l	
32) 1,1,1-Trichloroethane	4.28	97	216721m	45.933	ug/l	
36) 1,1-Dichloropropene	4.47	75	174894	49.327	ug/l	98
37) Ethyl Acetate	4.30	43	77022	56.467	ug/l #	98
38) Carbon Tetrachloride	4.17	117	178721	48.514	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	184965	52.016	ug/l	97
40) Benzene	4.81	78	379287	48.579	ug/l	95
41) Methacrylonitrile	4.93	41	40802	47.993	ug/l	93
42) 1,2-Dichloroethane	5.13	62	163882	50.187	ug/l	100
43) Isopropyl Acetate	7.11	43	81355	50.446	ug/l #	100
44) Trichloroethene	5.68	130	139694	48.706	ug/l	97
45) 1,2-Dichloropropane	6.40	63	90451	51.147	ug/l	98
46) Dibromomethane	6.25	93	75328	51.374	ug/l	98
47) Bromodichloromethane	6.55	83	191214	52.160	ug/l	95
48) Methyl methacrylate	6.87	41	57460	50.417	ug/l	93
49) 1,4-Dioxane	6.87	88	12463	1064.100	ug/l	87
51) 4-Methyl-2-Pentanone	8.40	43	324128	265.238	ug/l	100
52) Toluene	7.77	92	236593	49.120	ug/l	99
53) t-1,3-Dichloropropene	8.42	75	137146	49.464	ug/l	95
54) cis-1,3-Dichloropropene	7.45	75	165084	51.160	ug/l	96
55) 1,1,2-Trichloroethane	8.63	97	76850	50.261	ug/l	97
56) Ethyl methacrylate	8.75	69	82990	51.417	ug/l	100
57) 1,3-Dichloropropane	8.99	76	116202	50.312	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.44	63	113185	233.248	ug/l	97
59) 2-Hexanone	9.61	43	225312	266.593	ug/l	99
60) Dibromochloromethane	8.85	129	128245	51.282	ug/l	100
61) 1,2-Dibromoethane	9.12	107	89668	49.896	ug/l	100
64) Tetrachloroethene	8.30	164	137850	48.075	ug/l	94
65) Chlorobenzene	9.93	112	278008	47.572	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.06	131	142964	48.494	ug/l	97
67) Ethyl Benzene	10.03	91	485113	47.406	ug/l	99
68) m/p-Xylenes	10.25	106	347537	92.046	ug/l	100
69) o-Xylene	10.82	106	198755	48.715	ug/l	100
70) Styrene	10.88	104	291043	47.598	ug/l	98
71) Bromoform	10.88	173	78153	48.388	ug/l	98
73) Isopropylbenzene	11.21	105	607878	51.885	ug/l	100
74) N-amyl acetate	11.45	43	149284	59.352	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.76	83	94796	51.677	ug/l	98
76) 1,2,3-Trichloropropane	11.86	75	72229	51.609	ug/l #	100
77) Bromobenzene	11.57	156	151398	49.239	ug/l	97
78) n-propylbenzene	11.66	91	628129	50.358	ug/l	99
79) 2-Chlorotoluene	11.79	91	391081	50.422	ug/l	98
80) 1,3,5-Trimethylbenzene	11.89	105	533023	51.907	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.94	75	23837m	45.311	ug/l	
82) 4-Chlorotoluene	11.97	91	383545	50.068	ug/l	100
83) tert-Butylbenzene	12.20	119	565832	52.431	ug/l	99
84) 1,2,4-Trimethylbenzene	12.26	105	503527	50.106	ug/l	100
85) sec-Butylbenzene	12.36	105	672405	51.188	ug/l	99
86) p-Isopropyltoluene	12.51	119	600129	49.173	ug/l	100
87) 1,3-Dichlorobenzene	12.53	146	273096	48.632	ug/l	100
88) 1,4-Dichlorobenzene	12.62	146	260692	48.098	ug/l	99
89) n-Butylbenzene	12.90	91	535983	49.363	ug/l	99
90) Hexachloroethane	12.97	117	160746	52.751	ug/l	97
91) 1,2-Dichlorobenzene	12.99	146	266858	49.096	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.68	75	21917	53.331	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	244961	50.245	ug/l	99
94) Hexachlorobutadiene	14.23	225	183863	50.599	ug/l	99
95) Naphthalene	14.49	128	406526	55.463	ug/l	99
96) 1,2,3-Trichlorobenzene	14.63	180	246342	52.156	ug/l	98

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

