

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
 Data File : VF062307.D
 Acq On : 26 Apr 2019 16:03
 Operator : FY/SY
 Sample : VF0426SBSD01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0426SBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 3:59:49 PM

Quant Time: Apr 27 01:06:39 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	5.09	168	408553	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.81	114	553488	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.94	117	406816	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	241425	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.06	65	176194	53.24	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.48%	
35) Dibromofluoromethane	4.34	113	208779	50.87	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	7.75	98	471217	47.01	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.52	95	190373	46.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.01	85	111389	22.942	ug/l	94
3) Chloromethane	1.17	50	77505	18.949	ug/l	98
4) Vinyl Chloride	1.20	62	75286	19.435	ug/l	99
5) Bromomethane	1.41	94	53307	20.264	ug/l	93
6) Chloroethane	1.45	64	33970	20.005	ug/l	89
7) Trichlorofluoromethane	1.58	101	132699	21.558	ug/l	84
8) Diethyl Ether	1.72	74	22723	20.377	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.92	101	81633	21.132	ug/l	96
10) Methyl Iodide	2.00	142	138618	20.529	ug/l	95
11) Tert butyl alcohol	2.73	59	20480	102.305	ug/l #	93
12) 1,1-Dichloroethene	1.88	96	72428	21.013	ug/l	94
13) Acrolein	2.12	56	16705	94.319	ug/l	97
14) Allyl chloride	2.22	41	77548	20.673	ug/l #	12
15) Acrylonitrile	3.11	53	52425	94.553	ug/l	97
16) Acetone	2.37	43	84671	114.274	ug/l	97
17) Carbon Disulfide	1.94	76	171981	18.959	ug/l	99
18) Methyl Acetate	2.48	43	30856	20.638	ug/l	95
19) Methyl tert-butyl Ether	2.57	73	136908	20.835	ug/l	95
20) Methylene Chloride	2.35	84	70058	18.859	ug/l	97
21) trans-1,2-Dichloroethene	2.44	96	68981	20.251	ug/l	98
22) Diisopropyl ether	2.96	45	199525	19.758	ug/l	93
23) Vinyl Acetate	3.38	43	449196	100.312	ug/l	99
24) 1,1-Dichloroethane	3.03	63	124559	21.611	ug/l	99
25) 2-Butanone	4.56	43	111337	94.767	ug/l	99
26) 2,2-Dichloropropane	3.81	77	66204	22.119	ug/l	98
27) cis-1,2-Dichloroethene	3.68	96	84975	19.699	ug/l	98
28) Bromochloromethane	3.93	49	46377	19.094	ug/l #	98
29) Tetrahydrofuran	4.31	42	46967	90.981	ug/l	94
30) Chloroform	4.09	83	158503	21.900	ug/l	100
31) Cyclohexane	3.91	56	108615	19.805	ug/l	96
32) 1,1,1-Trichloroethane	4.33	97	131661	23.170	ug/l #	85
36) 1,1-Dichloropropene	4.51	75	107298	21.013	ug/l	98
37) Ethyl Acetate	4.34	43	46437	21.616	ug/l #	75
38) Carbon Tetrachloride	4.22	117	113130m	21.793	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.67	83	117844	19.769	ug/l	97
40) Benzene	4.86	78	258852	20.981	ug/l	97
41) Methacrylonitrile	4.98	41	23622	19.793	ug/l #	63
42) 1,2-Dichloroethane	5.16	62	93357	23.886	ug/l	96
43) Isopropyl Acetate	7.14	43	44779	20.216	ug/l #	97
44) Trichloroethene	5.72	130	86918	20.823	ug/l	92
45) 1,2-Dichloropropane	6.44	63	55565	19.976	ug/l	99
46) Dibromomethane	6.30	93	44092	21.952	ug/l	100
47) Bromodichloromethane	6.58	83	105176	22.274	ug/l #	91
48) Methyl methacrylate	6.91	41	30851	19.602	ug/l	94
49) 1,4-Dioxane	6.92	88	6903	380.890	ug/l	97
51) 4-Methyl-2-Pentanone	8.44	43	170880	100.954	ug/l	96
52) Toluene	7.81	92	143043	20.093	ug/l	99
53) t-1,3-Dichloropropene	8.46	75	74155	21.357	ug/l	97
54) cis-1,3-Dichloropropene	7.49	75	92232	20.735	ug/l	92
55) 1,1,2-Trichloroethane	8.66	97	42123	20.833	ug/l	93
56) Ethyl methacrylate	8.79	69	46386	20.883	ug/l	93
57) 1,3-Dichloropropane	9.03	76	65411	20.576	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.48	63	67684	100.139	ug/l	98
59) 2-Hexanone	9.65	43	118716	106.769	ug/l	97
60) Dibromochloromethane	8.89	129	66774	20.348	ug/l	97
61) 1,2-Dibromoethane	9.17	107	48299	20.640	ug/l	99
64) Tetrachloroethene	8.34	164	72199	21.218	ug/l	96
65) Chlorobenzene	9.96	112	157665	21.208	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.09	131	76709	21.907	ug/l	99
67) Ethyl Benzene	10.06	91	278639	21.559	ug/l	96
68) m/p-Xylenes	10.29	106	198625	41.279	ug/l	91
69) o-Xylene	10.84	106	113194	21.056	ug/l	98
70) Styrene	10.92	104	158052	20.338	ug/l	97
71) Bromoform	10.90	173	41580	21.095	ug/l #	94
73) Isopropylbenzene	11.24	105	344805	20.845	ug/l	98
74) N-amyl acetate	11.47	43	75968	19.933	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.79	83	51701	19.673	ug/l	99
76) 1,2,3-Trichloropropane	11.89	75	36577	19.617	ug/l #	100
77) Bromobenzene	11.60	156	82315	19.906	ug/l	98
78) n-propylbenzene	11.70	91	352350	20.244	ug/l	98
79) 2-Chlorotoluene	11.82	91	216134	20.616	ug/l	98
80) 1,3,5-Trimethylbenzene	11.92	105	293813	21.041	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.96	75	16167m	19.398	ug/l	
82) 4-Chlorotoluene	11.99	91	218181	21.032	ug/l	98
83) tert-Butylbenzene	12.22	119	311567	21.741	ug/l	99
84) 1,2,4-Trimethylbenzene	12.29	105	289143	21.379	ug/l	97
85) sec-Butylbenzene	12.39	105	489380	27.417	ug/l	98
86) p-Isopropyltoluene	12.54	119	349941	21.868	ug/l	98
87) 1,3-Dichlorobenzene	12.56	146	156749	21.426	ug/l	99
88) 1,4-Dichlorobenzene	12.64	146	146351	21.099	ug/l	98
89) n-Butylbenzene	12.92	91	320847	22.066	ug/l	95
90) Hexachloroethane	12.99	117	86139	21.474	ug/l	100
91) 1,2-Dichlorobenzene	13.02	146	147363	20.985	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.71	75	9996	18.855	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	134908	21.868	ug/l	99
94) Hexachlorobutadiene	14.25	225	98684	22.242	ug/l	98
95) Naphthalene	14.52	128	192758	20.168	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	128923	22.096	ug/l	99

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

