Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082318\
Data File : VF060075.D
Acq On : 24 Aug 2018 3:15
Operator : VA/AP
Sample : VF0823SBSD02
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0823SBSD02

Manual Integrations APPROVED
MMDadoda
8/24/2018 4:13:22 PM

Quant Time: Aug 24 04:15:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.04	168	171103	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.77	114	277596	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.92	117	295576	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	180036	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.02	65	138076	58.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 117.92%				
35) Dibromofluoromethane	4.29	113	119154	54.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.32%				
50) Toluene-d8	7.71	98	323704	52.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.58%				
62) 4-Bromofluorobenzene	11.51	95	179713	54.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.76%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.96	85	51999	23.08	ug/l		100
3) Chloromethane	1.07	50	36230	22.76	ug/l		100
4) Vinyl Chloride	1.12	62	27894	19.94	ug/l		100
5) Bromomethane	1.32	94	21321	20.06	ug/l		98
6) Chloroethane	1.39	64	12012	21.79	ug/l		93
7) Trichlorofluoromethane	1.48	101	72265	25.69	ug/l		99
8) Diethyl Ether	1.70	74	10395	20.67	ug/l		85
9) 1,1,2-Trichlorotrifluoroet	1.86	101	35294	23.91	ug/l		97
10) Methyl Iodide	1.93	142	41835	21.43	ug/l		93
11) Tert butyl alcohol	2.68	59	14477	116.21	ug/l	#	88
12) 1,1-Dichloroethene	1.83	96	23813	21.89	ug/l		96
13) Acrolein	2.09	56	3476	67.19	ug/l		88
14) Allyl chloride	2.18	41	42044	21.76	ug/l		91
15) Acrylonitrile	3.07	53	23903	97.23	ug/l		91
16) Acetone	2.34	43	56246	91.39	ug/l		96
17) Carbon Disulfide	1.84	76	71258	20.92	ug/l		99
18) Methyl Acetate	2.45	43	25494	21.94	ug/l		96
19) Methyl tert-butyl Ether	2.54	73	72327	20.75	ug/l		99
20) Methylene Chloride	2.28	84	30644	22.46	ug/l		97
21) trans-1,2-Dichloroethene	2.41	96	23558	19.36	ug/l		90
22) Diisopropyl ether	2.92	45	81189	18.77	ug/l		95
23) Vinyl Acetate	3.34	43	250277	109.22	ug/l		100
24) 1,1-Dichloroethane	3.00	63	58160	21.77	ug/l		99
25) 2-Butanone	4.51	43	87863	109.91	ug/l		98
26) 2,2-Dichloropropane	3.76	77	55144	19.95	ug/l		90
27) cis-1,2-Dichloroethene	3.63	96	37871	21.96	ug/l		89
28) Bromochloromethane	3.89	49	28666	25.41	ug/l	#	79
29) Tetrahydrofuran	4.25	42	34465	114.19	ug/l		96
30) Chloroform	4.04	83	83675	22.31	ug/l		95
31) Cyclohexane	3.86	56	44832	22.02	ug/l		97
32) 1,1,1-Trichloroethane	4.27	97	77084	24.00	ug/l		96
36) 1,1-Dichloropropene	4.46	75	52033	19.95	ug/l		95
37) Ethyl Acetate	4.29	43	33728	21.62	ug/l	#	72
38) Carbon Tetrachloride	4.18	117	68388	22.64	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.63	83	48458	19.81	ug/l	#	82
40) Benzene	4.82	78	122514	21.50	ug/l		96
41) Methacrylonitrile	4.92	41	15664	19.85	ug/l	#	85
42) 1,2-Dichloroethane	5.12	62	68290	22.35	ug/l		99
43) Isopropyl Acetate	7.12	43	39960	20.35	ug/l	#	97
44) Trichloroethene	5.67	130	41274	21.91	ug/l		89
45) 1,2-Dichloropropane	6.40	63	35524	22.04	ug/l		93
46) Dibromomethane	6.26	93	28661	22.72	ug/l		89
47) Bromodichloromethane	6.55	83	66785	21.92	ug/l		93
48) Methyl methacrylate	6.88	41	25450	19.59	ug/l		93
49) 1,4-Dioxane	6.88	88	4906	393.31	ug/l		98
51) 4-Methyl-2-Pentanone	8.40	43	196023	115.60	ug/l		99
52) Toluene	7.78	92	91364	22.19	ug/l		98
53) t-1,3-Dichloropropene	8.42	75	60504	21.90	ug/l		91
54) cis-1,3-Dichloropropene	7.46	75	64163	20.81	ug/l		97
55) 1,1,2-Trichloroethane	8.64	97	36603	23.80	ug/l		95
56) Ethyl methacrylate	8.76	69	38860	20.88	ug/l		94
57) 1,3-Dichloropropane	9.01	76	62614	23.17	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.78	63	15383	104.13	ug/l		100
59) 2-Hexanone	9.64	43	160130	116.68	ug/l		92
60) Dibromochloromethane	8.87	129	49668	21.88	ug/l		99
61) 1,2-Dibromoethane	9.13	107	39725	22.00	ug/l		100
64) Tetrachloroethene	8.31	164	44637	22.42	ug/l		99
65) Chlorobenzene	9.94	112	126578	22.68	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.07	131	44039	20.80	ug/l		95
67) Ethyl Benzene	10.04	91	222781	23.13	ug/l		98
68) m/p-Xylenes	10.27	106	157920	44.91	ug/l		100
69) o-Xylene	10.83	106	81527	21.61	ug/l		96
70) Styrene	10.91	104	130425	22.53	ug/l		97
71) Bromoform	10.89	173	32663	22.12	ug/l		97
73) Isopropylbenzene	11.23	105	237173	21.89	ug/l		99
74) N-amyl acetate	11.47	43	73073	21.69	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.79	83	59261	25.04	ug/l		97
76) 1,2,3-Trichloropropane	11.88	75	41759	22.75	ug/l		96
77) Bromobenzene	11.60	156	64110	21.75	ug/l		91
78) n-propylbenzene	11.69	91	306495	22.91	ug/l		98
79) 2-Chlorotoluene	11.82	91	184028	23.40	ug/l		100
80) 1,3,5-Trimethylbenzene	11.91	105	202750	21.47	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.96	75	17418m	20.74	ug/l		
82) 4-Chlorotoluene	11.99	91	192784	22.58	ug/l		98
83) tert-Butylbenzene	12.22	119	200459	21.77	ug/l		95
84) 1,2,4-Trimethylbenzene	12.29	105	219474	21.87	ug/l		97
85) sec-Butylbenzene	12.39	105	286325	22.33	ug/l		100
86) p-Isopropyltoluene	12.54	119	233990	22.00	ug/l		98
87) 1,3-Dichlorobenzene	12.55	146	121849	22.36	ug/l		98
88) 1,4-Dichlorobenzene	12.64	146	122963	22.71	ug/l		98
89) n-Butylbenzene	12.92	91	236992	22.94	ug/l		96
90) Hexachloroethane	13.00	117	54079	22.63	ug/l		93
91) 1,2-Dichlorobenzene	13.02	146	119153	22.74	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.72	75	10788	22.31	ug/l		89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	79012	20.47	ug/l	94
94) Hexachlorobutadiene	14.26	225	49654	20.67	ug/l	99
95) Naphthalene	14.53	128	110964	18.10	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	79273	21.53	ug/l	99

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

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