Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117787.D
Acq On : 14 Nov 2019 10:41
Operator : JU
Sample : K5111-02
Misc : LOO-SOIL-10PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT4-2019

Quant Time: Nov 14 11:23:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 10:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	252676	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	992977	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	516463	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	980549	20.00	ng		0.00
76) Chrysene-d12	14.11	240	718276	20.00	ng		0.00
87) Perylene-d12	15.62	264	667462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1917403	134.32	ng		0.00
7) Phenol-d6	6.55	99	2315823	134.50	ng		0.00
23) Nitrobenzene-d5	7.49	82	1677454	100.42	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	737864	134.95	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2914784	101.25	ng		0.00
79) Terphenyl-d14	13.06	244	3346751	85.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	68614	10.283	ng		99
3) Pyridine	3.52	79	165212	9.439	ng		96
4) n-Nitrosodimethylamine	3.42	42	80918	10.591	ng	#	95
6) Aniline	6.59	93	265982	11.690	ng		98
8) 2-Chlorophenol	6.71	128	179698	11.601	ng		96
9) Benzaldehyde	6.47	77	149292	13.881	ng		97
10) Phenol	6.56	94	204223	11.415	ng		96
11) bis(2-Chloroethyl)ether	6.66	93	164653	11.460	ng		97
12) 1,3-Dichlorobenzene	6.86	146	209442	11.485	ng		97
13) 1,4-Dichlorobenzene	6.94	146	211571	11.478	ng		98
14) 1,2-Dichlorobenzene	7.10	146	197309	11.193	ng		97
15) Benzyl Alcohol	7.06	79	138320	10.406	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	240505	10.872	ng		99
17) 2-Methylphenol	7.16	107	149715	11.414	ng		99
18) Hexachloroethane	7.44	117	73566	10.864	ng		90
19) n-Nitroso-di-n-propylamine	7.33	70	123937	11.668	ng		98
20) 3+4-Methylphenols	7.32	107	191428	11.757	ng		95
22) Acetophenone	7.33	105	260032	11.656	ng	#	97
24) Nitrobenzene	7.50	77	194818	11.305	ng		100
25) Isophorone	7.74	82	337542	11.025	ng		97
26) 2-Nitrophenol	7.82	139	89031	10.615	ng		99
27) 2,4-Dimethylphenol	7.85	122	153292	11.762	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	209923	10.805	ng		97
29) 2,4-Dichlorophenol	8.06	162	152605	10.795	ng		100
30) 1,2,4-Trichlorobenzene	8.15	180	175565	10.706	ng		96
31) Naphthalene	8.23	128	556275	12.017	ng		98
32) Benzoic acid	7.92	122	76316	6.993	ng		100
33) 4-Chloroaniline	8.27	127	226565	10.933	ng		98
34) Hexachlorobutadiene	8.35	225	98597	10.284	ng		99
35) Caprolactam	8.61	113	46549	10.360	ng		99
36) 4-Chloro-3-methylphenol	8.75	107	155807	10.860	ng		96
37) 2-Methylnaphthalene	8.92	142	372553	11.911	ng		99
38) 1-Methylnaphthalene	9.02	142	349593	11.823	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	164592	10.974	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	92308	10.982 ng		99
43) 2,4,6-Trichlorophenol	9.20	196	108803	10.128 ng		96
44) 2,4,5-Trichlorophenol	9.23	196	116356	10.432 ng		97
46) 1,1'-Biphenyl	9.39	154	462599	12.073 ng		96
47) 2-Chloronaphthalene	9.42	162	347407	11.021 ng		98
48) 2-Nitroaniline	9.50	65	93476	9.823 ng		97
49) Acenaphthylene	9.83	152	550275	11.974 ng		98
50) Dimethylphthalate	9.68	163	395718	10.926 ng		99
51) 2,6-Dinitrotoluene	9.75	165	86391	10.914 ng		93
52) Acenaphthene	10.00	154	344403	11.699 ng		96
53) 3-Nitroaniline	9.91	138	92167	9.731 ng		98
54) 2,4-Dinitrophenol	10.02	184	26986	7.680 ng	#	6
55) Dibenzofuran	10.17	168	490328	12.028 ng		96
56) 4-Nitrophenol	10.06	139	72299	10.227 ng		98
57) 2,4-Dinitrotoluene	10.15	165	108216	10.748 ng		96
58) Fluorene	10.52	166	372613	11.795 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	94760	10.340 ng		97
60) Diethylphthalate	10.39	149	386994	10.960 ng		98
61) 4-Chlorophenyl-phenylether	10.51	204	188661	11.768 ng		99
62) 4-Nitroaniline	10.52	138	91972	9.698 ng		96
63) Azobenzene	10.67	77	367303	11.434 ng		97
65) 4,6-Dinitro-2-methylphenol	10.56	198	42324	9.246 ng		92
66) n-Nitrosodiphenylamine	10.63	169	331105	11.603 ng		99
67) 4-Bromophenyl-phenylether	11.00	248	115128	10.882 ng		97
68) Hexachlorobenzene	11.07	284	134499	10.902 ng		99
69) Atrazine	11.15	200	95211	10.143 ng		98
70) Pentachlorophenol	11.26	266	70144	9.732 ng		99
71) Phenanthrene	11.49	178	584849	11.863 ng		97
72) Anthracene	11.54	178	589925	12.069 ng		98
73) Carbazole	11.69	167	509837	11.936 ng		98
74) Di-n-butylphthalate	12.02	149	586869	11.035 ng		98
75) Fluoranthene	12.68	202	594184	12.459 ng		98
77) Benzidine	12.80	184	266337	11.320 ng	#	95
78) Pyrene	12.91	202	604012	10.405 ng		97
80) Butylbenzylphthalate	13.53	149	224570	9.007 ng		97
81) Benzo(a)anthracene	14.10	228	515734	10.866 ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	184174	11.093 ng		98
83) Chrysene	14.14	228	498634	10.841 ng		97
84) Bis(2-ethylhexyl)phthalate	14.09	149	298810	9.886 ng		98
85) Di-n-octyl phthalate	14.71	149	440067	9.910 ng		100
86) Indeno(1,2,3-cd)pyrene	17.14	276	365557	9.339 ng		99
88) Benzo(b)fluoranthene	15.17	252	456543	10.528 ng		99
89) Benzo(k)fluoranthene	15.20	252	438981	10.744 ng		99
90) Benzo(a)pyrene	15.55	252	380649	9.982 ng		99
91) Dibenzo(a,h)anthracene	17.16	278	303124	9.235 ng		99
92) Benzo(g,h,i)perylene	17.60	276	294284	9.002 ng		99

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

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