Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113583.D
Acq On : 4 Apr 2019 15:06
Operator : JU/SJ
Sample : K1560-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Manual Integrations APPROVED
Sohil
4/6/2019 12:38:34 AM

Quant Time: Apr 05 09:14:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	138100	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	526505	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	270557	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	571269	20.00	ng		-0.01
76) Chrysene-d12	13.82	240	510069	20.00	ng		-0.02
87) Perylene-d12	15.22	264	453208	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1008557	124.53	ng		0.00
7) Phenol-d6	6.33	99	1313383	131.58	ng		0.00
23) Nitrobenzene-d5	7.25	82	822612	91.52	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	441687	135.90	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	1553758	92.45	ng		-0.01
79) Terphenyl-d14	12.77	244	1924252	76.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	27601	7.196	ng		96
3) Pyridine	3.15	79	60671	6.044	ng	#	92
4) n-Nitrosodimethylamine	2.99	42	27698	6.494	ng	#	99
6) Aniline	6.35	93	103728	8.573	ng		99
8) 2-Chlorophenol	6.47	128	76597	8.175	ng		97
9) Benzaldehyde	6.23	77	55247	9.309	ng		97
10) Phenol	6.35	94	93046	8.162	ng		99
11) bis(2-Chloroethyl)ether	6.42	93	69853	7.877	ng		98
12) 1,3-Dichlorobenzene	6.62	146	82066	8.133	ng		96
13) 1,4-Dichlorobenzene	6.70	146	82799	8.120	ng		98
14) 1,2-Dichlorobenzene	6.85	146	77635	8.435	ng		98
15) Benzyl Alcohol	6.83	79	62598	9.275	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	114346	8.284	ng		95
17) 2-Methylphenol	6.95	107	58500	8.056	ng		98
18) Hexachloroethane	7.19	117	29091	7.838	ng		90
19) n-Nitroso-di-n-propylamine	7.09	70	53919	8.760	ng		95
20) 3+4-Methylphenols	7.11	107	79643	9.052	ng		90
22) Acetophenone	7.09	105	101281	8.758	ng	#	95
24) Nitrobenzene	7.26	77	78462	8.476	ng		94
25) Isophorone	7.50	82	147017	8.491	ng		99
26) 2-Nitrophenol	7.59	139	39858	8.000	ng		95
27) 2,4-Dimethylphenol	7.63	122	58332	8.190	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	94443	8.627	ng		99
29) 2,4-Dichlorophenol	7.84	162	63897	8.385	ng		96
30) 1,2,4-Trichlorobenzene	7.91	180	69260	8.369	ng		99
31) Naphthalene	7.99	128	230175	9.023	ng		98
32) Benzoic acid	7.74	122	24110	4.372	ng		94
33) 4-Chloroaniline	8.04	127	92367	9.131	ng		99
34) Hexachlorobutadiene	8.10	225	42949	8.513	ng		97
35) Caprolactam	8.39	113	21398	8.846	ng		93
36) 4-Chloro-3-methylphenol	8.53	107	67339	8.803	ng		98
37) 2-Methylnaphthalene	8.67	142	154248	9.193	ng		99
38) 1-Methylnaphthalene	8.77	142	150410	9.297	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	73337	8.381	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	3615	14.338	ng		94
43) 2,4,6-Trichlorophenol	8.96	196	43531	7.881	ng		100
44) 2,4,5-Trichlorophenol	9.02	196	46640	7.865	ng		97
46) 1,1'-Biphenyl	9.14	154	203309	9.106	ng		98
47) 2-Chloronaphthalene	9.16	162	145840	8.628	ng		98
48) 2-Nitroaniline	9.26	65	43029	8.319	ng		98
49) Acenaphthylene	9.57	152	256031	9.314	ng		98
50) Dimethylphthalate	9.43	163	177744	8.912	ng		100
51) 2,6-Dinitrotoluene	9.50	165	38163	8.681	ng		97
52) Acenaphthene	9.75	154	143630	9.128	ng		99
53) 3-Nitroaniline	9.67	138	43823	8.768	ng		88
54) 2,4-Dinitrophenol	9.81	184	9868	4.798	ng	#	87
55) Dibenzofuran	9.92	168	222636	9.646	ng		97
56) 4-Nitrophenol	9.87	139	18665	6.020	ng		90
57) 2,4-Dinitrotoluene	9.91	165	50069	9.417	ng		92
58) Fluorene	10.26	166	178145	9.758	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	36079m	7.029	ng		
60) Diethylphthalate	10.13	149	178182	9.267	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	85747	9.549	ng		92
62) 4-Nitroaniline	10.28	138	45500	8.952	ng		96
63) Azobenzene	10.41	77	166654	9.154	ng		97
65) 4,6-Dinitro-2-methylphenol	10.33	198	17445	5.801	ng		86
66) n-Nitrosodiphenylamine	10.37	169	155614	8.873	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	55325	8.635	ng		97
68) Hexachlorobenzene	10.81	284	63261	8.617	ng	#	93
69) Atrazine	10.89	200	50314	9.102	ng		96
70) Pentachlorophenol	11.02	266	18364	5.309	ng	#	84
71) Phenanthrene	11.22	178	267016	9.406	ng		98
72) Anthracene	11.27	178	270546	9.367	ng		98
73) Carbazole	11.42	167	255074	9.443	ng		98
74) Di-n-butylphthalate	11.75	149	296997	9.243	ng		99
75) Fluoranthene	12.40	202	301887	9.924	ng		99
77) Benzidine	12.52	184	142509	7.513	ng		98
78) Pyrene	12.63	202	306800	7.905	ng		98
80) Butylbenzylphthalate	13.24	149	122998	7.786	ng		99
81) Benzo(a)anthracene	13.81	228	255100	8.670	ng		98
82) 3,3'-Dichlorobenzidine	13.77	252	101129	8.923	ng		99
83) Chrysene	13.84	228	261962	8.783	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	162469	8.506	ng	#	100
85) Di-n-octyl phthalate	14.41	149	271598	8.748	ng		99
86) Indeno(1,2,3-cd)pyrene	16.57	276	202824	7.365	ng		98
88) Benzo(b)fluoranthene	14.83	252	240145	8.656	ng		99
89) Benzo(k)fluoranthene	14.85	252	216316	8.688	ng		99
90) Benzo(a)pyrene	15.16	252	208068	8.440	ng		98
91) Dibenzo(a,h)anthracene	16.57	278	171452	7.437	ng		98
92) Benzo(g,h,i)perylene	16.97	276	159482	6.778	ng		97

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

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