Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114228.D
Acq On : 13 May 2019 14:57
Operator : JU/SJ
Sample : K2767-14MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Manual Integrations APPROVED
Sohil
5/14/2019 8:03:11 PM

Quant Time: May 14 09:20:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	312012	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1203157	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	567428	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1009835	20.00	ng		0.02
76) Chrysene-d12	14.04	240	479460	20.00	ng		0.02
87) Perylene-d12	15.54	264	678767	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1473282	75.99	ng		0.02
7) Phenol-d6	6.51	99	1966861	85.77	ng		0.02
23) Nitrobenzene-d5	7.42	82	1268957	59.19	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	432808	73.78	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1993202	53.14	ng		0.00
79) Terphenyl-d14	12.97	244	1601661	68.86	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	237800	22.314	ng		97
3) Pyridine	3.42	79	426864	14.538	ng		95
4) n-Nitrosodimethylamine	3.34	42	342480	24.188	ng		91
6) Aniline	6.52	93	98726	2.980	ng	#	1
8) 2-Chlorophenol	6.65	128	599931	28.985	ng		96
9) Benzaldehyde	6.40	77	253337	15.781	ng		99
10) Phenol	6.52	94	718980	26.653	ng		88
11) bis(2-Chloroethyl)ether	6.59	93	627121	30.622	ng		97
12) 1,3-Dichlorobenzene	6.80	146	606373	26.099	ng		98
13) 1,4-Dichlorobenzene	6.87	146	605033	25.842	ng		98
14) 1,2-Dichlorobenzene	7.03	146	574566	26.862	ng		98
15) Benzyl Alcohol	7.00	79	516010	28.851	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1126468	28.368	ng		85
17) 2-Methylphenol	7.12	107	432755	25.452	ng	#	92
18) Hexachloroethane	7.37	117	207734	23.638	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	437062	30.070	ng		99
20) 3+4-Methylphenols	7.27	107	576548	29.349	ng	#	59
22) Acetophenone	7.26	105	841814	31.583	ng	#	89
24) Nitrobenzene	7.44	77	670802	30.720	ng		96
25) Isophorone	7.68	82	1215638	30.574	ng		98
26) 2-Nitrophenol	7.76	139	337505	31.858	ng		97
27) 2,4-Dimethylphenol	7.80	122	408398	24.545	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	799531	30.992	ng		99
29) 2,4-Dichlorophenol	8.00	162	497750	30.043	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	515653	27.370	ng		98
31) Naphthalene	8.16	128	2329795	41.454	ng		99
32) Benzoic acid	7.92	122	271864	26.584	ng		98
33) 4-Chloroaniline	8.21	127	103558	4.044	ng		98
34) Hexachlorobutadiene	8.27	225	270852	25.267	ng		97
35) Caprolactam	8.58	113	150875	27.927	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	512059	30.704	ng		96
37) 2-Methylnaphthalene	8.85	142	1398375	38.564	ng		99
38) 1-Methylnaphthalene	8.95	142	1240072	36.315	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	498722	29.015	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	71244	12.740	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	346661	29.321	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	361475	29.813	ng		98
46) 1,1'-Biphenyl	9.32	154	1438693	31.385	ng		99
47) 2-Chloronaphthalene	9.34	162	1007220	27.302	ng		99
48) 2-Nitroaniline	9.44	65	361449	27.626	ng		96
49) Acenaphthylene	9.76	152	2927955	52.182	ng		99
50) Dimethylphthalate	9.61	163	1511020	36.275	ng		100
51) 2,6-Dinitrotoluene	9.68	165	273606	29.614	ng		91
52) Acenaphthene	9.93	154	937629	27.231	ng		99
53) 3-Nitroaniline	9.85	138	103405	9.016	ng		99
54) 2,4-Dinitrophenol	9.96	184	128545	32.082	ng		98
55) Dibenzofuran	10.10	168	1380839	27.349	ng		97
56) 4-Nitrophenol	10.03	139	359828	44.365	ng		96
57) 2,4-Dinitrotoluene	10.09	165	355430	28.344	ng		90
58) Fluorene	10.45	166	1401402	35.935	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	284198m	27.165	ng		
60) Diethylphthalate	10.31	149	1206357	28.503	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	528863	27.611	ng		97
62) 4-Nitroaniline	10.46	138	162403	13.476	ng		96
63) Azobenzene	10.59	77	1115495	27.229	ng		95
65) 4,6-Dinitro-2-methylphenol	10.50	198	96191	19.823	ng		81
66) n-Nitrosodiphenylamine	10.55	169	972663	31.736	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	327723	29.475	ng		97
68) Hexachlorobenzene	11.00	284	336916	27.391	ng	#	91
69) Atrazine	11.09	200	307927	32.285	ng		97
70) Pentachlorophenol	11.20	266	297700	51.056	ng		99
71) Phenanthrene	11.42	178	6324145	128.723	ng		95
72) Anthracene	11.46	178	2086258	42.278	ng		99
73) Carbazole	11.62	167	1301359	27.655	ng		99
74) Di-n-butylphthalate	11.94	149	1785182	32.929	ng		98
75) Fluoranthene	12.62	202	6233583	117.823	ng		94
78) Pyrene	12.86	202	8968851	232.533	ng		92
80) Butylbenzylphthalate	13.44	149	664642	40.940	ng		100
81) Benzo(a)anthracene	14.03	228	4469755	144.133	ng	#	82
82) 3,3'-Dichlorobenzidine	13.99	252	12982	1.079	ng	#	67
83) Chrysene	14.08	228	4485979	147.566	ng		95
84) Bis(2-ethylhexyl)phthalate	14.00	149	1027284	48.382	ng		99
85) Di-n-octyl phthalate	14.63	149	1529062	44.424	ng		99
86) Indeno(1,2,3-cd)pyrene	17.05	276	2407083	89.593	ng		98
88) Benzo(b)fluoranthene	15.12	252	5341529m	122.834	ng		
89) Benzo(k)fluoranthene	15.14	252	1958136m	49.020	ng		
90) Benzo(a)pyrene	15.49	252	4235649	110.675	ng		99
91) Dibenzo(a,h)anthracene	17.05	278	1105366	34.758	ng		98
92) Benzo(g,h,i)perylene	17.50	276	2677022	83.999	ng		98

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

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