Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019047.D
Acq On : 05 Mar 2019 21:31
Operator : JU/SJ
Sample : K1714-16MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-D-0-2MS

Manual Integrations APPROVED
Sohil
3/6/2019 5:20:35 PM

Quant Time: Mar 06 06:33:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	224979	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	840579	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	426315	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	867967	20.00	ng		0.00
76) Chrysene-d12	21.27	240	895565	20.00	ng		-0.01
87) Perylene-d12	23.52	264	993002	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1186618	86.42	ng		0.00
7) Phenol-d6	6.85	99	1570932	81.21	ng		0.00
23) Nitrobenzene-d5	8.85	82	1002176	55.13	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	504062	82.03	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	1889439	58.83	ng		-0.01
79) Terphenyl-d14	19.72	244	2468844	56.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	158681	26.533	ng		99
3) Pyridine	3.63	79	405155	24.836	ng		99
4) n-Nitrosodimethylamine	3.55	42	128724	31.018	ng		89
6) Aniline	7.02	93	294803	12.439	ng		99
8) 2-Chlorophenol	7.24	128	409310	27.151	ng		97
9) Benzaldehyde	6.84	77	286231	24.149	ng		96
10) Phenol	6.88	94	560440	27.536	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	403287	25.975	ng		97
12) 1,3-Dichlorobenzene	7.56	146	452920	26.718	ng		97
13) 1,4-Dichlorobenzene	7.71	146	462331	26.790	ng		99
14) 1,2-Dichlorobenzene	8.02	146	440377	26.566	ng		99
15) Benzyl Alcohol	7.93	79	374971	24.396	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	400332	26.641	ng		96
17) 2-Methylphenol	8.12	107	332109	25.637	ng		96
18) Hexachloroethane	8.73	117	170974	27.140	ng		96
19) n-Nitroso-di-n-propylamine	8.48	70	346623	23.143	ng		99
20) 3+4-Methylphenols	8.45	107	443502	24.793	ng		97
22) Acetophenone	8.50	105	595206	25.785	ng	#	99
24) Nitrobenzene	8.89	77	505102	26.767	ng		99
25) Isophorone	9.40	82	851293	29.348	ng		99
26) 2-Nitrophenol	9.59	139	205365	27.328	ng		99
27) 2,4-Dimethylphenol	9.65	122	323845	29.506	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	519129	27.676	ng		99
29) 2,4-Dichlorophenol	10.12	162	344137	27.307	ng		100
30) 1,2,4-Trichlorobenzene	10.32	180	399787	27.469	ng		100
31) Naphthalene	10.51	128	1184275	28.888	ng		100
32) Benzoic acid	9.76	122	137473m	14.359	ng		
33) 4-Chloroaniline	10.65	127	141915	7.744	ng		99
34) Hexachlorobutadiene	10.77	225	222261	26.309	ng		100
35) Caprolactam	11.45	113	95916m	18.649	ng		
36) 4-Chloro-3-methylphenol	11.76	107	376522	24.780	ng		100
37) 2-Methylnaphthalene	12.13	142	833284	28.870	ng		99
38) 1-Methylnaphthalene	12.35	142	781879	27.702	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	392766	28.801	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	434412	62.304 ng	100
43) 2,4,6-Trichlorophenol	12.75	196	258764	28.662 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	271475	28.690 ng	98
46) 1,1'-Biphenyl	13.16	154	1032289	28.131 ng	100
47) 2-Chloronaphthalene	13.20	162	798986	28.189 ng	99
48) 2-Nitroaniline	13.42	65	245338	26.062 ng	99
49) Acenaphthylene	14.05	152	1255454	29.747 ng	99
50) Dimethylphthalate	13.79	163	1087304	30.603 ng	99
51) 2,6-Dinitrotoluene	13.92	165	205379	26.685 ng	96
52) Acenaphthene	14.39	154	722650	27.925 ng	99
53) 3-Nitroaniline	14.26	138	117339	13.493 ng	98
54) 2,4-Dinitrophenol	14.47	184	227850	49.058 ng	99
55) Dibenzofuran	14.73	168	1161229	27.300 ng	100
56) 4-Nitrophenol	14.57	139	336590	48.487 ng	97
57) 2,4-Dinitrotoluene	14.72	165	279758	26.382 ng	97
58) Fluorene	15.38	166	916325	28.159 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	236061	28.223 ng	99
60) Diethylphthalate	15.16	149	957611	26.129 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	455606	24.972 ng	96
62) 4-Nitroaniline	15.43	138	183509	21.525 ng	98
63) Azobenzene	15.67	77	1025087	26.086 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	141920	23.288 ng	99
66) n-Nitrosodiphenylamine	15.60	169	790840	28.839 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	265544	27.332 ng	99
68) Hexachlorobenzene	16.37	284	316396	28.018 ng	97
69) Atrazine	16.55	200	255342	28.883 ng	98
70) Pentachlorophenol	16.73	266	360701	49.607 ng	100
71) Phenanthrene	17.13	178	1386523	29.724 ng	99
72) Anthracene	17.22	178	1392481	30.670 ng	99
73) Carbazole	17.50	167	1250924	26.372 ng	99
74) Di-n-butylphthalate	18.05	149	1579067	28.946 ng	99
75) Fluoranthene	19.14	202	1520543	28.220 ng	98
77) Benzidine	19.35	184	605708	30.031 ng	100
78) Pyrene	19.51	202	1565673	30.101 ng	100
80) Butylbenzylphthalate	20.42	149	708283	29.880 ng	98
81) Benzo(a)anthracene	21.26	228	1497390	28.683 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	469593	22.761 ng	100
83) Chrysene	21.32	228	1454400	29.067 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1017029	29.314 ng	100
85) Di-n-octyl phthalate	22.06	149	1750958	30.028 ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2154415	37.293 ng	100
88) Benzo(b)fluoranthene	22.84	252	1685172	29.662 ng	99
89) Benzo(k)fluoranthene	22.89	252	1613080	28.519 ng	100
90) Benzo(a)pyrene	23.43	252	1623055	30.157 ng	100
91) Dibenzo(a,h)anthracene	25.81	278	1829678	34.313 ng	100
92) Benzo(g,h,i)perylene	26.49	276	1801224	36.284 ng	100

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

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