Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
Data File : BM019940.D
Acq On : 17 Apr 2019 16:11
Operator : JU/SJ
Sample : K2203-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-01-041519-AMSD

Quant Time: Apr 17 18:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	179759	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	728205	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	397938	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	739100	20.00	ng		0.00
76) Chrysene-d12	21.17	240	530876	20.00	ng		0.00
87) Perylene-d12	23.37	264	636772	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1309448	118.06	ng		0.00
7) Phenol-d6	6.73	99	1670577	100.08	ng		0.00
23) Nitrobenzene-d5	8.70	82	1288792	79.15	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	697950	108.96	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	2603087	81.52	ng		0.00
79) Terphenyl-d14	19.60	244	2754290	91.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	164604	34.389	ng	#	74
3) Pyridine	3.54	79	408075	30.443	ng		100
4) n-Nitrosodimethylamine	3.45	42	157690	36.518	ng		98
6) Aniline	6.89	93	155691	7.221	ng		100
8) 2-Chlorophenol	7.10	128	532179	38.576	ng		99
9) Benzaldehyde	6.70	77	188045	16.402	ng		99
10) Phenol	6.76	94	605235	33.185	ng		99
11) bis(2-Chloroethyl)ether	6.98	93	494224	37.037	ng		99
12) 1,3-Dichlorobenzene	7.42	146	520050	35.908	ng		98
13) 1,4-Dichlorobenzene	7.56	146	529089	36.006	ng		99
14) 1,2-Dichlorobenzene	7.87	146	522451	35.858	ng		99
15) Benzyl Alcohol	7.79	79	548631	36.152	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	453525	35.653	ng		97
17) 2-Methylphenol	7.99	107	441791	36.600	ng		98
18) Hexachloroethane	8.57	117	201339	35.249	ng		97
19) n-Nitroso-di-n-propylamine	8.35	70	495571	33.773	ng		99
20) 3+4-Methylphenols	8.32	107	587671	35.441	ng		99
22) Acetophenone	8.37	105	825584	41.624	ng	#	98
24) Nitrobenzene	8.75	77	694125	41.150	ng		99
25) Isophorone	9.26	82	1232049	38.869	ng		100
26) 2-Nitrophenol	9.45	139	281217	39.121	ng		98
27) 2,4-Dimethylphenol	9.50	122	478138	47.044	ng		97
28) bis(2-Chloroethoxy)methane	9.74	93	699955	39.436	ng		99
29) 2,4-Dichlorophenol	9.97	162	480464	41.623	ng		98
30) 1,2,4-Trichlorobenzene	10.17	180	508497	40.929	ng		100
31) Naphthalene	10.36	128	1561064	39.967	ng		99
32) Benzoic acid	9.68	122	107965	15.158	ng		98
33) 4-Chloroaniline	10.52	127	49213	3.058	ng		97
34) Hexachlorobutadiene	10.61	225	285960	39.026	ng		98
35) Caprolactam	11.33	113	109076m	24.964	ng		
36) 4-Chloro-3-methylphenol	11.63	107	540147	37.659	ng		99
37) 2-Methylnaphthalene	11.98	142	1139517	40.073	ng		99
38) 1-Methylnaphthalene	12.20	142	1081718	38.527	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	533230	43.436	ng		100

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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	12.31	237	338694	78.230	ng	97
43) 2,4,6-Trichlorophenol	12.62	196	363495	43.674	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	370874	42.814	ng	98
46) 1,1'-Biphenyl	13.02	154	1466037	42.535	ng	99
47) 2-Chloronaphthalene	13.06	162	1130679	43.008	ng	99
48) 2-Nitroaniline	13.30	65	375052	39.578	ng	99
49) Acenaphthylene	13.92	152	1812248	39.618	ng	100
50) Dimethylphthalate	13.67	163	1431203	40.774	ng	99
51) 2,6-Dinitrotoluene	13.81	165	306541	39.494	ng	96
52) Acenaphthene	14.26	154	1028112	40.536	ng	98
53) 3-Nitroaniline	14.15	138	54372	7.016	ng	99
54) 2,4-Dinitrophenol	14.38	184	111182	29.224	ng	96
55) Dibenzofuran	14.60	168	1665853	40.166	ng	100
56) 4-Nitrophenol	14.47	139	339386	57.291	ng	98
57) 2,4-Dinitrotoluene	14.61	165	417823	37.449	ng	99
58) Fluorene	15.25	166	1362343	38.766	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.84	232	311156	39.367	ng	99
60) Diethylphthalate	15.04	149	1467181	40.190	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	681840	40.297	ng	100
62) 4-Nitroaniline	15.33	138	218621	28.630	ng	99
63) Azobenzene	15.54	77	1532247	39.271	ng	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	103610	21.971	ng	100
66) n-Nitrosodiphenylamine	15.48	169	1125824	46.593	ng	100
67) 4-Bromophenyl-phenylether	16.14	248	385595	45.378	ng	98
68) Hexachlorobenzene	16.25	284	438876	43.044	ng	98
69) Atrazine	16.44	200	364148	44.394	ng	98
70) Pentachlorophenol	16.62	266	382414	73.405	ng	99
71) Phenanthrene	17.00	178	1793406	40.889	ng	100
72) Anthracene	17.09	178	1825411	41.810	ng	100
73) Carbazole	17.38	167	1548872	37.997	ng	99
74) Di-n-butylphthalate	17.93	149	2201129	41.117	ng	99
75) Fluoranthene	19.03	202	1722792	34.131	ng	100
77) Benzidine	19.24	184	312188	21.313	ng	98
78) Pyrene	19.40	202	1708315	48.592	ng	100
80) Butylbenzylphthalate	20.31	149	819908	48.104	ng	95
81) Benzo(a)anthracene	21.16	228	1478780	43.973	ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	229053	18.307	ng	98
83) Chrysene	21.21	228	1457161	45.182	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1187598	46.802	ng	100
85) Di-n-octyl phthalate	21.94	149	1969086	47.824	ng	100
86) Indeno(1,2,3-cd)pyrene	25.58	276	2207341	69.575	ng	100
88) Benzo(b)fluoranthene	22.71	252	1686482	39.886	ng	99
89) Benzo(k)fluoranthene	22.76	252	1647331	41.384	ng	100
90) Benzo(a)pyrene	23.27	252	1639719	43.767	ng	99
91) Dibenzo(a,h)anthracene	25.58	278	1886062	52.215	ng	98
92) Benzo(g,h,i)perylene	26.26	276	1771808	54.157	ng	100

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

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