Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
Data File : BM019949.D
Acq On : 17 Apr 2019 21:41
Operator : JU/SJ
Sample : K2422-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP1-DMSD

Quant Time: Apr 18 01:52:51 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	219067	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	918303	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	506401	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	1002738	20.00	ng		0.00
76) Chrysene-d12	21.17	240	738892	20.00	ng		0.00
87) Perylene-d12	23.37	264	847843	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1456998	107.79	ng		0.00
7) Phenol-d6	6.73	99	2119902	104.21	ng		0.00
23) Nitrobenzene-d5	8.70	82	1328111	64.68	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	782732	96.02	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	2519757	62.01	ng		0.00
79) Terphenyl-d14	19.60	244	2762996	65.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	129311	22.168	ng		99
3) Pyridine	3.51	79	361207	22.111	ng		99
4) n-Nitrosodimethylamine	3.43	42	139313	26.473	ng	#	90
6) Aniline	6.88	93	311002	11.836	ng		100
8) 2-Chlorophenol	7.10	128	453585	26.980	ng		99
9) Benzaldehyde	6.70	77	170008	11.675	ng		99
10) Phenol	6.75	94	622883	28.024	ng		97
11) bis(2-Chloroethyl)ether	6.98	93	402534	24.753	ng		100
12) 1,3-Dichlorobenzene	7.41	146	438506	24.845	ng		98
13) 1,4-Dichlorobenzene	7.56	146	453080	25.301	ng		100
14) 1,2-Dichlorobenzene	7.87	146	442646	24.930	ng		100
15) Benzyl Alcohol	7.79	79	460653	24.908	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	381530	24.611	ng		97
17) 2-Methylphenol	7.99	107	385954	26.237	ng		100
18) Hexachloroethane	8.57	117	169858	24.402	ng		97
19) n-Nitroso-di-n-propylamine	8.34	70	403582	22.569	ng		98
20) 3+4-Methylphenols	8.32	107	519093	25.688	ng		98
22) Acetophenone	8.36	105	678892	27.143	ng		99
24) Nitrobenzene	8.75	77	576440	27.099	ng		100
25) Isophorone	9.26	82	1010019	25.268	ng		100
26) 2-Nitrophenol	9.45	139	241810	26.676	ng		99
27) 2,4-Dimethylphenol	9.50	122	393301	30.686	ng		98
28) bis(2-Chloroethoxy)methane	9.74	93	573668	25.630	ng		99
29) 2,4-Dichlorophenol	9.97	162	406423	27.920	ng		98
30) 1,2,4-Trichlorobenzene	10.17	180	431011	27.510	ng		99
31) Naphthalene	10.35	128	1331739	27.038	ng		100
32) Benzoic acid	9.70	122	224571	21.708	ng		98
33) 4-Chloroaniline	10.51	127	92377	4.553	ng		99
34) Hexachlorobutadiene	10.60	225	244840	26.497	ng		96
35) Caprolactam	11.33	113	122664m	22.262	ng		
36) 4-Chloro-3-methylphenol	11.63	107	469634	25.965	ng		97
37) 2-Methylnaphthalene	11.97	142	957719	26.708	ng		99
38) 1-Methylnaphthalene	12.20	142	912894	25.783	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	449815	28.793	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	12.30	237	241028	48.889	ng	97
43) 2,4,6-Trichlorophenol	12.62	196	311720	29.432	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	318738	28.915	ng	99
46) 1,1'-Biphenyl	13.02	154	1227652	27.990	ng	100
47) 2-Chloronaphthalene	13.06	162	951955	28.454	ng	100
48) 2-Nitroaniline	13.30	65	321535	26.663	ng	99
49) Acenaphthylene	13.92	152	1537820	26.418	ng	99
50) Dimethylphthalate	13.67	163	1613728	36.127	ng	100
51) 2,6-Dinitrotoluene	13.80	165	255733	25.891	ng	92
52) Acenaphthene	14.26	154	877681	27.193	ng	100
53) 3-Nitroaniline	14.15	138	88096	8.932	ng	92
54) 2,4-Dinitrophenol	14.37	184	137272	28.576	ng	96
55) Dibenzofuran	14.60	168	1413443	26.781	ng	100
56) 4-Nitrophenol	14.47	139	354192	48.038	ng	99
57) 2,4-Dinitrotoluene	14.61	165	360324	25.378	ng	99
58) Fluorene	15.25	166	1155707	25.842	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	271707	27.013	ng	100
60) Diethylphthalate	15.03	149	1223005	26.326	ng	100
61) 4-Chlorophenyl-phenylether	15.24	204	573148	26.618	ng	94
62) 4-Nitroaniline	15.33	138	200700	20.654	ng	98
63) Azobenzene	15.54	77	1318410	26.553	ng	100
65) 4,6-Dinitro-2-methylphenol	15.38	198	112021	17.509	ng	95
66) n-Nitrosodiphenylamine	15.47	169	963672	29.396	ng	99
67) 4-Bromophenyl-phenylether	16.14	248	329110	28.547	ng	99
68) Hexachlorobenzene	16.25	284	383068	27.692	ng	98
69) Atrazine	16.44	200	316396	28.431	ng	99
70) Pentachlorophenol	16.62	266	359083	50.805	ng	99
71) Phenanthrene	17.00	178	1605679	26.984	ng	100
72) Anthracene	17.09	178	1636532	27.629	ng	100
73) Carbazole	17.38	167	1421991	25.713	ng	99
74) Di-n-butylphthalate	17.93	149	2012375	27.708	ng	99
75) Fluoranthene	19.03	202	1592305	23.252	ng	99
77) Benzidine	19.24	184	650580	31.911	ng	99
78) Pyrene	19.40	202	1586925	32.432	ng	100
80) Butylbenzylphthalate	20.30	149	781196	32.930	ng	99
81) Benzo(a)anthracene	21.16	228	1370316	29.276	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	279368	16.042	ng	99
83) Chrysene	21.21	228	1344335	29.949	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1143408	32.375	ng	99
85) Di-n-octyl phthalate	21.94	149	1836701	32.050	ng	99
86) Indeno(1,2,3-cd)pyrene	25.57	276	1885053	42.689	ng	100
88) Benzo(b)fluoranthene	22.71	252	1463189	25.990	ng	99
89) Benzo(k)fluoranthene	22.75	252	1492828	28.166	ng	99
90) Benzo(a)pyrene	23.27	252	1446092	28.990	ng	99
91) Dibenzo(a,h)anthracene	25.57	278	1600506	33.279	ng	98
92) Benzo(g,h,i)perylene	26.25	276	1514257	34.762	ng	100

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

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