Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020699.D
Acq On : 04 Jun 2019 10:42
Operator : HP/JU
Sample : K3139-07MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1A-DMSD

Manual Integrations APPROVED
mohammad
6/5/2019 8:46:23 AM

Quant Time: Jun 04 13:11:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	344281	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1451552	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	861019	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1926430	20.00	ng		0.00
76) Chrysene-d12	21.39	240	1446411	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1458551	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2931195	149.77	ng		0.00
7) Phenol-d6	7.00	99	4244313	147.28	ng		0.00
23) Nitrobenzene-d5	8.99	82	2603609	92.93	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	1852947	173.69	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	6122960	94.54	ng		0.00
79) Terphenyl-d14	19.83	244	8590523	99.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	273580	34.142	ng		99
3) Pyridine	3.74	79	841996	33.026	ng		97
4) n-Nitrosodimethylamine	3.66	42	426918	38.845	ng		96
6) Aniline	7.16	93	1215499	29.149	ng		98
8) 2-Chlorophenol	7.39	128	1148393	47.165	ng		99
9) Benzaldehyde	6.97	77	381215	19.270	ng		99
10) Phenol	7.02	94	1471043	47.366	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	1036052	41.860	ng		97
12) 1,3-Dichlorobenzene	7.71	146	1127862	40.305	ng		98
13) 1,4-Dichlorobenzene	7.86	146	1154409	40.580	ng		98
14) 1,2-Dichlorobenzene	8.17	146	1123359	40.577	ng		99
15) Benzyl Alcohol	8.07	79	1089752	42.744	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1434342	37.536	ng		98
17) 2-Methylphenol	8.26	107	989144	45.293	ng		98
18) Hexachloroethane	8.90	117	424403	38.966	ng		97
19) n-Nitroso-di-n-propylamine	8.64	70	915185	39.506	ng		96
20) 3+4-Methylphenols	8.59	107	1355254	45.612	ng		97
22) Acetophenone	8.65	105	1666078	45.182	ng	#	97
24) Nitrobenzene	9.03	77	1310129	45.808	ng		98
25) Isophorone	9.55	82	2474997	44.412	ng		100
26) 2-Nitrophenol	9.73	139	600390	56.326	ng		99
27) 2,4-Dimethylphenol	9.79	122	1065162	53.328	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1492420	44.291	ng		100
29) 2,4-Dichlorophenol	10.26	162	1137633	51.480	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	1157544	45.555	ng		97
31) Naphthalene	10.67	128	3462034	46.381	ng		99
32) Benzoic acid	9.89	122	243266m	22.415	ng		
33) 4-Chloroaniline	10.78	127	640891	18.449	ng		97
34) Hexachlorobutadiene	10.95	225	665674	43.661	ng		99
35) Caprolactam	11.59	113	375544m	48.918	ng		
36) 4-Chloro-3-methylphenol	11.90	107	1270785	49.460	ng		99
37) 2-Methylnaphthalene	12.28	142	2621188	47.376	ng		99
38) 1-Methylnaphthalene	12.50	142	2496038	47.379	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1357425	48.108	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1364602	80.863 ng	100
43) 2,4,6-Trichlorophenol	12.89	196	928003	51.095 ng	98
44) 2,4,5-Trichlorophenol	12.96	196	999245	53.291 ng	97
46) 1,1'-Biphenyl	13.30	154	3386415	47.093 ng	99
47) 2-Chloronaphthalene	13.34	162	2638336	45.459 ng	99
48) 2-Nitroaniline	13.55	65	833495	45.757 ng	95
49) Acenaphthylene	14.19	152	4244673	46.873 ng	100
50) Dimethylphthalate	13.93	163	3826774	52.022 ng	99
51) 2,6-Dinitrotoluene	14.05	165	733991	49.140 ng	95
52) Acenaphthene	14.53	154	2485633	46.060 ng	99
53) 3-Nitroaniline	14.37	138	494275	29.647 ng	95
54) 2,4-Dinitrophenol	14.58	184	374012	60.182 ng	91
55) Dibenzofuran	14.86	168	3963036	47.283 ng	98
56) 4-Nitrophenol	14.69	139	1253167	102.003 ng	92
57) 2,4-Dinitrotoluene	14.83	165	1027860	51.394 ng	94
58) Fluorene	15.51	166	3241486	47.028 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	894947	54.774 ng	97
60) Diethylphthalate	15.29	149	3469326	45.729 ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	1708933	46.827 ng	95
62) 4-Nitroaniline	15.54	138	776716	43.928 ng	95
63) Azobenzene	15.80	77	3243415	44.592 ng	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	377940	44.013 ng	96
66) n-Nitrosodiphenylamine	15.73	169	2883002	46.749 ng	99
67) 4-Bromophenyl-phenylether	16.40	248	1042444	45.960 ng	93
68) Hexachlorobenzene	16.50	284	1190326	44.942 ng	98
69) Atrazine	16.68	200	995225	54.072 ng	99
70) Pentachlorophenol	16.85	266	1365626	108.080 ng	99
71) Phenanthrene	17.25	178	4989890	45.696 ng	100
72) Anthracene	17.34	178	5117193	46.821 ng	100
73) Carbazole	17.61	167	4506259	45.436 ng	100
74) Di-n-butylphthalate	18.17	149	5957372	46.272 ng	99
75) Fluoranthene	19.26	202	5424161	44.667 ng	99
77) Benzidine	19.45	184	2486248	56.728 ng	100
78) Pyrene	19.63	202	5363350	48.320 ng	100
80) Butylbenzylphthalate	20.53	149	2439383	52.005 ng	96
81) Benzo(a)anthracene	21.37	228	4503291	44.708 ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	1156944	31.366 ng	99
83) Chrysene	21.42	228	4364102	45.580 ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	3510796	51.498 ng	100
85) Di-n-octyl phthalate	22.20	149	5500259	50.818 ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	5044513	51.499 ng	99
88) Benzo(b)fluoranthene	22.99	252	4498822	46.667 ng	99
89) Benzo(k)fluoranthene	23.03	252	4255473	45.171 ng	99
90) Benzo(a)pyrene	23.57	252	4190758	47.927 ng	100
91) Dibenzo(a,h)anthracene	26.01	278	4257445	50.186 ng	99
92) Benzo(g,h,i)perylene	26.71	276	4083609	51.825 ng	98

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

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