Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017854.D
Acq On : 01 Dec 2018 13:31
Operator : JU/SJ
Sample : PB115195BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB115195BSD

Manual Integrations APPROVED
mohammad
12/3/2018 4:58:30 PM

Quant Time: Dec 03 00:29:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	218413	20.00	ng		-0.04
21) Naphthalene-d8	10.35	136	959203	20.00	ng		-0.04
39) Acenaphthene-d10	14.23	164	529402	20.00	ng		-0.03
64) Phenanthrene-d10	16.99	188	1085164	20.00	ng		-0.03
76) Chrysene-d12	21.19	240	920569	20.00	ng		-0.02
87) Perylene-d12	23.37	264	729575	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	2003593	154.81	ng		-0.02
7) Phenol-d6	6.78	99	2634628	145.76	ng		-0.02
23) Nitrobenzene-d5	8.74	82	1234427	66.44	ng		-0.04
42) 2,4,6-Tribromophenol	15.73	330	1004526	132.06	ng		-0.03
45) 2-Fluorobiphenyl	12.85	172	2798505	68.58	ng		-0.03
79) Terphenyl-d14	19.63	244	3307606	81.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	180771	33.538	ng		90
3) Pyridine	3.59	79	522274	33.034	ng		87
4) n-Nitrosodimethylamine	3.51	42	266540	38.271	ng		86
6) Aniline	6.93	93	810505	36.159	ng		97
8) 2-Chlorophenol	7.16	128	769952	49.711	ng		95
9) Benzaldehyde	6.75	77	192384	14.611	ng		98
10) Phenol	6.80	94	924774	48.743	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	658851	43.990	ng		95
12) 1,3-Dichlorobenzene	7.47	146	727255	41.851	ng		100
13) 1,4-Dichlorobenzene	7.62	146	747556	41.970	ng		98
14) 1,2-Dichlorobenzene	7.93	146	731134	42.333	ng		99
15) Benzyl Alcohol	7.83	79	648409	45.045	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	782494	34.315	ng		90
17) 2-Methylphenol	8.03	107	617606	48.323	ng		98
18) Hexachloroethane	8.64	117	277378	44.185	ng		98
19) n-Nitroso-di-n-propylamine	8.39	70	570439	43.953	ng		93
20) 3+4-Methylphenols	8.36	107	834657	47.003	ng		97
22) Acetophenone	8.41	105	1077858	45.023	ng	#	96
24) Nitrobenzene	8.78	77	821922	43.600	ng		100
25) Isophorone	9.30	82	1472343	51.306	ng		99
26) 2-Nitrophenol	9.48	139	403848	46.509	ng		99
27) 2,4-Dimethylphenol	9.55	122	672285	53.722	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	911054	46.874	ng		98
29) 2,4-Dichlorophenol	10.01	162	701629	48.299	ng		99
30) 1,2,4-Trichlorobenzene	10.22	180	746907	44.207	ng		97
31) Naphthalene	10.40	128	2234001	47.370	ng		99
32) Benzoic acid	9.73	122	487132m	42.972	ng		
33) 4-Chloroaniline	10.53	127	553543	26.801	ng		99
34) Hexachlorobutadiene	10.67	225	452297	43.121	ng		99
35) Caprolactam	11.33	113	207755m	38.835	ng		
36) 4-Chloro-3-methylphenol	11.66	107	743175	44.311	ng		99
37) 2-Methylnaphthalene	12.02	142	1653164	49.597	ng		98
38) 1-Methylnaphthalene	12.25	142	1563201	47.830	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	840974	45.048	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	966217	100.163 ng	98
43) 2,4,6-Trichlorophenol	12.65	196	557882	47.710 ng	99
44) 2,4,5-Trichlorophenol	12.72	196	589972	47.785 ng	98
46) 1,1'-Biphenyl	13.06	154	2060089	43.352 ng	99
47) 2-Chloronaphthalene	13.10	162	1595900	45.246 ng	99
48) 2-Nitroaniline	13.32	65	481919	44.181 ng	95
49) Acenaphthylene	13.95	152	2559100	48.291 ng	100
50) Dimethylphthalate	13.70	163	1934820	44.952 ng	100
51) 2,6-Dinitrotoluene	13.83	165	433921	45.273 ng	96
52) Acenaphthene	14.30	154	1480781	45.531 ng	99
53) 3-Nitroaniline	14.16	138	335389	32.141 ng	98
54) 2,4-Dinitrophenol	14.37	184	542797	91.626 ng	97
55) Dibenzofuran	14.63	168	2367977	44.554 ng	99
56) 4-Nitrophenol	14.48	139	721352	82.102 ng	98
57) 2,4-Dinitrotoluene	14.62	165	590469	45.703 ng	98
58) Fluorene	15.29	166	1896282	46.606 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	527520	46.453 ng	99
60) Diethylphthalate	15.07	149	1956001	42.059 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	973122	42.096 ng	98
62) 4-Nitroaniline	15.33	138	394032	40.066 ng	98
63) Azobenzene	15.58	77	1892449	44.019 ng	96
65) 4,6-Dinitro-2-methylphenol	15.39	198	345861	46.008 ng	95
66) n-Nitrosodiphenylamine	15.51	169	1643291	47.100 ng	100
67) 4-Bromophenyl-phenylether	16.19	248	586894	45.729 ng	98
68) Hexachlorobenzene	16.29	284	638117	44.105 ng	95
69) Atrazine	16.47	200	563953	43.948 ng	98
70) Pentachlorophenol	16.64	266	799389	78.854 ng	99
71) Phenanthrene	17.03	178	2776152	47.146 ng	99
72) Anthracene	17.12	178	2810760	49.054 ng	100
73) Carbazole	17.40	167	2474942	42.745 ng	99
74) Di-n-butylphthalate	17.97	149	3189224	49.481 ng	99
75) Fluoranthene	19.06	202	2893737	43.434 ng	99
77) Benzidine	19.26	184	1111649	37.083 ng	100
78) Pyrene	19.42	202	2901747	51.087 ng	100
80) Butylbenzylphthalate	20.34	149	1251835	54.263 ng	98
81) Benzo(a)anthracene	21.17	228	2562004	48.307 ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	850141	41.533 ng	99
83) Chrysene	21.23	228	2359601	45.807 ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1738835	50.985 ng	99
85) Di-n-octyl phthalate	21.98	149	2704031	49.515 ng	97
86) Indeno(1,2,3-cd)pyrene	25.55	276	2703097	65.668 ng	100
88) Benzo(b)fluoranthene	22.72	252	2381794	55.745 ng	99
89) Benzo(k)fluoranthene	22.77	252	2321493	53.757 ng	99
90) Benzo(a)pyrene	23.28	252	2287468	58.717 ng	99
91) Dibenzo(a,h)anthracene	25.55	278	2322034	70.898 ng	99
92) Benzo(g,h,i)perylene	26.20	276	2274549	73.852 ng	100

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

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