Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017873.D
Acq On : 02 Dec 2018 01:44
Operator : JU/SJ
Sample : PB115173BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB115173BS

Manual Integrations APPROVED
mohammad
12/3/2018 4:58:36 PM

Quant Time: Dec 03 01:27:42 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	177372	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	790180	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	456288	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	1051288	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	1085124	20.00	ng	-0.02
87) Perylene-d12	23.37	264	938461	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1048288	99.74	ng	-0.03
7) Phenol-d6	6.77	99	1404576	95.69	ng	-0.03
23) Nitrobenzene-d5	8.74	82	1293873	84.53	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	609700	93.00	ng	-0.03
45) 2-Fluorobiphenyl	12.85	172	3185400	90.57	ng	-0.03
79) Terphenyl-d14	19.63	244	4857421	101.45	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	138730	31.694	ng	88
3) Pyridine	3.58	79	432588	33.692	ng	88
4) n-Nitrosodimethylamine	3.50	42	215502	38.102	ng	91
6) Aniline	6.93	93	299990	16.480	ng	98
8) 2-Chlorophenol	7.15	128	580158	46.124	ng	97
9) Benzaldehyde	6.75	77	313226	29.293	ng	97
10) Phenol	6.80	94	717528	46.571	ng	98
11) bis(2-Chloroethyl)ether	7.03	93	496090	40.787	ng	96
12) 1,3-Dichlorobenzene	7.47	146	573305	40.626	ng	97
13) 1,4-Dichlorobenzene	7.62	146	591951	40.924	ng	99
14) 1,2-Dichlorobenzene	7.93	146	573888	40.917	ng	98
15) Benzyl Alcohol	7.83	79	500334	42.801	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.10	45	582368	31.448	ng	92
17) 2-Methylphenol	8.03	107	485935	46.818	ng	98
18) Hexachloroethane	8.64	117	214373	42.050	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	428112	40.619	ng	92
20) 3+4-Methylphenols	8.36	107	646089	44.802	ng	98
22) Acetophenone	8.40	105	831010	42.137	ng	95
24) Nitrobenzene	8.78	77	631740	40.680	ng	98
25) Isophorone	9.30	82	1120001	47.376	ng	99
26) 2-Nitrophenol	9.48	139	307906	43.045	ng	98
27) 2,4-Dimethylphenol	9.55	122	535423	51.937	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	707773	44.204	ng	98
29) 2,4-Dichlorophenol	10.01	162	559738	46.773	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	577825	41.515	ng	97
31) Naphthalene	10.40	128	1758710	45.268	ng	99
32) Benzoic acid	9.72	122	375254m	40.184	ng	
33) 4-Chloroaniline	10.54	127	151413	8.899	ng	98
34) Hexachlorobutadiene	10.67	225	347232	40.186	ng	99
35) Caprolactam	11.33	113	173592m	39.390	ng	
36) 4-Chloro-3-methylphenol	11.66	107	603352	43.669	ng	99
37) 2-Methylnaphthalene	12.02	142	1299345	47.320	ng	100
38) 1-Methylnaphthalene	12.25	142	1248115	46.358	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	683736	42.494	ng	98

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QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	848637	102.071 ng	99
43) 2,4,6-Trichlorophenol	12.65	196	457711	45.416 ng	98
44) 2,4,5-Trichlorophenol	12.72	196	488179	45.876 ng	97
46) 1,1'-Biphenyl	13.06	154	1675898	40.918 ng	100
47) 2-Chloronaphthalene	13.09	162	1293481	42.548 ng	100
48) 2-Nitroaniline	13.32	65	401289	42.684 ng	99
49) Acenaphthylene	13.95	152	2130225	46.639 ng	99
50) Dimethylphthalate	13.70	163	1627460	43.869 ng	99
51) 2,6-Dinitrotoluene	13.83	165	364374	44.109 ng	99
52) Acenaphthene	14.30	154	1232837	43.982 ng	99
53) 3-Nitroaniline	14.16	138	143728	15.981 ng	99
54) 2,4-Dinitrophenol	14.37	184	431971	85.148 ng	98
55) Dibenzofuran	14.63	168	1993761	43.524 ng	99
56) 4-Nitrophenol	14.48	139	634543	83.692 ng	99
57) 2,4-Dinitrotoluene	14.62	165	522014	46.879 ng	99
58) Fluorene	15.29	166	1635920	46.649 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	455347	46.523 ng	98
60) Diethylphthalate	15.07	149	1672051	41.714 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	836177	41.968 ng	99
62) 4-Nitroaniline	15.33	138	342606	40.419 ng	97
63) Azobenzene	15.58	77	1643118	44.343 ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	292991	40.230 ng	95
66) n-Nitrosodiphenylamine	15.51	169	1434440	42.439 ng	100
67) 4-Bromophenyl-phenylether	16.18	248	513651	41.312 ng	94
68) Hexachlorobenzene	16.29	284	580969	41.449 ng	98
69) Atrazine	16.47	200	536043	43.119 ng	98
70) Pentachlorophenol	16.64	266	747376	76.099 ng	100
71) Phenanthrene	17.03	178	2605518	45.675 ng	100
72) Anthracene	17.12	178	2695679	48.562 ng	100
73) Carbazole	17.40	167	2428129	43.288 ng	100
74) Di-n-butylphthalate	17.97	149	3003496	48.101 ng	100
75) Fluoranthene	19.06	202	3083095	47.767 ng	99
77) Benzidine	19.26	184	1129034	31.951 ng	99
78) Pyrene	19.42	202	3172694	47.387 ng	100
80) Butylbenzylphthalate	20.34	149	1437453	52.860 ng	98
81) Benzo(a)anthracene	21.17	228	2946875	47.138 ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	580203	24.047 ng	99
83) Chrysene	21.23	228	2750882	45.305 ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	2086641	51.905 ng	100
85) Di-n-octyl phthalate	21.98	149	3367493	52.313 ng	97
86) Indeno(1,2,3-cd)pyrene	25.54	276	2651440	54.645 ng	99
88) Benzo(b)fluoranthene	22.72	252	2602054	47.345 ng	99
89) Benzo(k)fluoranthene	22.77	252	2498409	44.976 ng	98
90) Benzo(a)pyrene	23.28	252	2409968	48.092 ng	99
91) Dibenzo(a,h)anthracene	25.56	278	2267391	53.820 ng	100
92) Benzo(g,h,i)perylene	26.21	276	2197320	55.464 ng	100

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

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