Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019955.D
Acq On : 18 Apr 2019 16:03
Operator : JU/SJ
Sample : PB118968BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB118968BS

Manual Integrations APPROVED
Sohil
4/22/2019 2:52:52 AM

Quant Time: Apr 19 00:59:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	84112	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	335280	20.00	ng		0.00
39) Acenaphthene-d10	14.17	164	177872	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	382264	20.00	ng		0.00
76) Chrysene-d12	21.16	240	428405	20.00	ng		0.00
87) Perylene-d12	23.35	264	420914	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	405378	78.11	ng		0.00
7) Phenol-d6	6.71	99	565239	72.37	ng		0.00
23) Nitrobenzene-d5	8.69	82	599190	79.92	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	213611	74.60	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	1154656	80.90	ng		0.00
79) Terphenyl-d14	19.59	244	1934708	79.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	97211	43.404	ng		100
3) Pyridine	3.50	79	267554	42.657	ng		99
4) n-Nitrosodimethylamine	3.43	42	79802	39.495	ng	#	94
6) Aniline	6.86	93	362996	35.981	ng		100
8) 2-Chlorophenol	7.08	128	241854	37.467	ng		100
9) Benzaldehyde	6.69	77	181384	39.165	ng		99
10) Phenol	6.73	94	315049	36.917	ng		96
11) bis(2-Chloroethyl)ether	6.96	93	235537	37.723	ng		99
12) 1,3-Dichlorobenzene	7.39	146	269954	39.835	ng		97
13) 1,4-Dichlorobenzene	7.55	146	273456	39.772	ng		99
14) 1,2-Dichlorobenzene	7.85	146	266721	39.123	ng		98
15) Benzyl Alcohol	7.77	79	251595	35.431	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.05	45	217092	36.473	ng		98
17) 2-Methylphenol	7.97	107	203086	35.956	ng		98
18) Hexachloroethane	8.56	117	104200	38.987	ng		99
19) n-Nitroso-di-n-propylamine	8.32	70	224949	32.762	ng		99
20) 3+4-Methylphenols	8.30	107	274337	35.358	ng		99
22) Acetophenone	8.35	105	386905	42.368	ng	#	98
24) Nitrobenzene	8.73	77	326263	42.009	ng		98
25) Isophorone	9.24	82	552513	37.859	ng		99
26) 2-Nitrophenol	9.43	139	130965	39.571	ng		99
27) 2,4-Dimethylphenol	9.49	122	187493	40.066	ng		97
28) bis(2-Chloroethoxy)methane	9.72	93	311684	38.140	ng		99
29) 2,4-Dichlorophenol	9.96	162	213369	40.147	ng		97
30) 1,2,4-Trichlorobenzene	10.15	180	244251	42.699	ng		99
31) Naphthalene	10.34	128	748979	41.648	ng		99
32) Benzoic acid	9.67	122	141637	33.808	ng		99
33) 4-Chloroaniline	10.49	127	287278	38.777	ng		99
34) Hexachlorobutadiene	10.59	225	138038	40.916	ng		98
35) Caprolactam	11.33	113	67857m	33.730	ng		
36) 4-Chloro-3-methylphenol	11.62	107	241835	36.621	ng		99
37) 2-Methylnaphthalene	11.96	142	520295	39.740	ng		99
38) 1-Methylnaphthalene	12.19	142	497643	38.496	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	243805	44.431	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	154401	79.553 ng	97
43) 2,4,6-Trichlorophenol	12.60	196	157702	42.391 ng	99
44) 2,4,5-Trichlorophenol	12.69	196	163889	42.327 ng	99
46) 1,1'-Biphenyl	13.00	154	649407	42.153 ng	99
47) 2-Chloronaphthalene	13.05	162	509606	43.366 ng	98
48) 2-Nitroaniline	13.29	65	170275	40.199 ng	98
49) Acenaphthylene	13.90	152	809881	39.610 ng	99
50) Dimethylphthalate	13.65	163	638904	40.722 ng	99
51) 2,6-Dinitrotoluene	13.79	165	138264	39.852 ng	91
52) Acenaphthene	14.24	154	471261	41.569 ng	99
53) 3-Nitroaniline	14.13	138	137010	39.550 ng	98
54) 2,4-Dinitrophenol	14.36	184	145138	70.985 ng	91
55) Dibenzofuran	14.58	168	757045	40.837 ng	97
56) 4-Nitrophenol	14.47	139	178815	66.484 ng	98
57) 2,4-Dinitrotoluene	14.60	165	196220	39.346 ng	98
58) Fluorene	15.24	166	614102	39.094 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	137322	38.869 ng	100
60) Diethylphthalate	15.02	149	656172	40.212 ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	296081	39.148 ng	94
62) 4-Nitroaniline	15.32	138	126637	37.102 ng	95
63) Azobenzene	15.53	77	713847	40.931 ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	99240	40.689 ng	95
66) n-Nitrosodiphenylamine	15.46	169	514145	41.141 ng	99
67) 4-Bromophenyl-phenylether	16.13	248	175665	39.970 ng	98
68) Hexachlorobenzene	16.24	284	214962	40.763 ng	100
69) Atrazine	16.43	200	51815	12.213 ng	99
70) Pentachlorophenol	16.60	266	200448	74.393 ng	99
71) Phenanthrene	16.99	178	925675	40.806 ng	99
72) Anthracene	17.08	178	934823	41.399 ng	99
73) Carbazole	17.37	167	845544	40.106 ng	99
74) Di-n-butylphthalate	17.92	149	1115192	40.278 ng	100
75) Fluoranthene	19.02	202	1065368	40.809 ng	99
77) Benzidine	19.23	184	663144	56.102 ng	99
78) Pyrene	19.39	202	1110680	39.150 ng	99
80) Butylbenzylphthalate	20.29	149	534821	38.884 ng	99
81) Benzo(a)anthracene	21.14	228	1112048	40.977 ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	440400	43.617 ng	99
83) Chrysene	21.20	228	1046940	40.227 ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	786679	38.418 ng	99
85) Di-n-octyl phthalate	21.93	149	1384639	41.673 ng	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	1506190	58.830 ng	100
88) Benzo(b)fluoranthene	22.69	252	1181257	42.264 ng	99
89) Benzo(k)fluoranthene	22.74	252	1167318	44.364 ng	99
90) Benzo(a)pyrene	23.26	252	1148905	46.393 ng	98
91) Dibenzo(a,h)anthracene	25.55	278	1284765	53.809 ng	100
92) Benzo(g,h,i)perylene	26.22	276	1239929	57.336 ng	99

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

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