Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020059.D
Acq On : 24 Apr 2019 06:05
Operator : JU/SJ
Sample : PB119063BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:53 AM

Quant Time: Apr 24 08:33:37 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	7.49	152	94388	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	353610	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	193261	20.00	ng		-0.02
64) Phenanthrene-d10	16.92	188	422924	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	524071	20.00	ng		-0.02
87) Perylene-d12	23.33	264	505607	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	770992	132.38	ng		-0.02
7) Phenol-d6	6.69	99	997638	113.82	ng		-0.02
23) Nitrobenzene-d5	8.66	82	708943	89.66	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	396802	127.55	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1382492	89.15	ng		-0.03
79) Terphenyl-d14	19.57	244	2300918	77.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	105770	42.084	ng		99
3) Pyridine	3.48	79	231726	32.922	ng		97
4) n-Nitrosodimethylamine	3.41	42	93031	41.030	ng	#	87
6) Aniline	6.85	93	285203	25.192	ng		99
8) 2-Chlorophenol	7.06	128	260642	35.982	ng		98
9) Benzaldehyde	6.68	77	79718	12.852	ng		90
10) Phenol	6.72	94	336929	35.183	ng		90
11) bis(2-Chloroethyl)ether	6.94	93	235365	33.591	ng		99
12) 1,3-Dichlorobenzene	7.37	146	290474	38.197	ng		97
13) 1,4-Dichlorobenzene	7.52	146	298378	38.672	ng		99
14) 1,2-Dichlorobenzene	7.83	146	285251	37.286	ng		98
15) Benzyl Alcohol	7.76	79	256791	32.226	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	205309	30.738	ng		96
17) 2-Methylphenol	7.95	107	212634	33.548	ng		96
18) Hexachloroethane	8.53	117	115267	38.433	ng		98
19) n-Nitroso-di-n-propylamine	8.30	70	223674	29.030	ng		99
20) 3+4-Methylphenols	8.29	107	276021	31.702	ng		98
22) Acetophenone	8.33	105	396204	41.137	ng		99
24) Nitrobenzene	8.70	77	340716	41.596	ng		96
25) Isophorone	9.22	82	549626	35.709	ng		99
26) 2-Nitrophenol	9.41	139	126892	36.353	ng		91
27) 2,4-Dimethylphenol	9.47	122	219728	44.521	ng		98
28) bis(2-Chloroethoxy)methane	9.70	93	315287	36.581	ng		100
29) 2,4-Dichlorophenol	9.95	162	219046	39.078	ng		98
30) 1,2,4-Trichlorobenzene	10.13	180	259851	43.072	ng		99
31) Naphthalene	10.31	128	771614	40.683	ng		99
32) Benzoic acid	9.66	122	117920	27.756	ng		96
33) 4-Chloroaniline	10.47	127	182868	23.404	ng		97
34) Hexachlorobutadiene	10.56	225	161321	45.339	ng		96
35) Caprolactam	11.30	113	65269m	30.762	ng		
36) 4-Chloro-3-methylphenol	11.60	107	244198	35.062	ng		100
37) 2-Methylnaphthalene	11.94	142	541926	39.246	ng		98
38) 1-Methylnaphthalene	12.16	142	517573	37.962	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	267578	44.881	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	163851	77.972 ng	97
43) 2,4,6-Trichlorophenol	12.59	196	171157	42.344 ng	98
44) 2,4,5-Trichlorophenol	12.67	196	171261	40.709 ng	97
46) 1,1'-Biphenyl	12.97	154	692082	41.346 ng	99
47) 2-Chloronaphthalene	13.02	162	533487	41.783 ng	99
48) 2-Nitroaniline	13.27	65	174690	37.958 ng	96
49) Acenaphthylene	13.87	152	847042	38.129 ng	99
50) Dimethylphthalate	13.63	163	669985	39.303 ng	100
51) 2,6-Dinitrotoluene	13.77	165	143187	37.985 ng	87
52) Acenaphthene	14.22	154	489802	39.765 ng	97
53) 3-Nitroaniline	14.12	138	93011	24.711 ng	99
54) 2,4-Dinitrophenol	14.35	184	132844	60.977 ng	90
55) Dibenzofuran	14.56	168	804290	39.931 ng	97
56) 4-Nitrophenol	14.45	139	177400	61.215 ng	91
57) 2,4-Dinitrotoluene	14.58	165	200908	37.078 ng	95
58) Fluorene	15.22	166	655226	38.390 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	160499	41.812 ng	98
60) Diethylphthalate	15.00	149	690880	38.968 ng	99
61) 4-Chlorophenyl-phenylether	15.21	204	325962	39.667 ng	93
62) 4-Nitroaniline	15.30	138	122705	33.088 ng	86
63) Azobenzene	15.51	77	770637	40.669 ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	85089	31.533 ng	94
66) n-Nitrosodiphenylamine	15.44	169	555226	40.157 ng	98
67) 4-Bromophenyl-phenylether	16.11	248	191464	39.377 ng	99
68) Hexachlorobenzene	16.22	284	227558	39.003 ng	98
69) Atrazine	16.40	200	185698	39.563 ng	98
70) Pentachlorophenol	16.58	266	219949	73.783 ng	99
71) Phenanthrene	16.96	178	990379	39.461 ng	99
72) Anthracene	17.06	178	991680	39.694 ng	100
73) Carbazole	17.35	167	905455	38.819 ng	100
74) Di-n-butylphthalate	17.89	149	1160755	37.893 ng	99
75) Fluoranthene	19.00	202	1172785	40.605 ng	99
77) Benzidine	19.22	184	500786	34.633 ng	98
78) Pyrene	19.37	202	1228912	35.410 ng	100
80) Butylbenzylphthalate	20.27	149	588013	34.947 ng	98
81) Benzo(a)anthracene	21.13	228	1254872	37.799 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	388189	31.428 ng	99
83) Chrysene	21.18	228	1240013	38.948 ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	887491	35.429 ng	99
85) Di-n-octyl phthalate	21.90	149	1625119	39.983 ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1881051	60.060 ng	99
88) Benzo(b)fluoranthene	22.67	252	1479533	44.069 ng	99
89) Benzo(k)fluoranthene	22.71	252	1426926	45.146 ng	98
90) Benzo(a)pyrene	23.23	252	1407938	47.330 ng	98
91) Dibenzo(a,h)anthracene	25.51	278	1614282	56.285 ng	100
92) Benzo(g,h,i)perylene	26.17	276	1469274	56.560 ng	99

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

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