Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
Data File : BN005096.D
Acq On : 04 Apr 2019 16:55
Operator : JU/SJ
Sample : PB118598BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB118598BS

Manual Integrations APPROVED
Sohil
4/5/2019 12:42:39 PM

Quant Time: Apr 05 03:46:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7604	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	32847	20.00	ng		-0.03
39) Acenaphthene-d10	14.30	164	18558	20.00	ng		-0.03
64) Phenanthrene-d10	17.05	188	41764	20.00	ng		-0.02
76) Chrysene-d12	21.25	240	42143	20.00	ng		-0.02
87) Perylene-d12	23.48	264	38646	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	60765	138.16	ng		-0.02
7) Phenol-d6	6.83	99	78045	133.79	ng		-0.02
23) Nitrobenzene-d5	8.82	82	45632	84.04	ng		-0.03
42) 2,4,6-Tribromophenol	15.80	330	43005	143.68	ng		-0.02
45) 2-Fluorobiphenyl	12.92	172	126890	90.61	ng		-0.02
79) Terphenyl-d14	19.69	244	198601	90.73	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	5314	33.155	ng	#	94
3) Pyridine	3.56	79	14123	31.531	ng		99
4) n-Nitrosodimethylamine	3.49	42	5126	35.105	ng	#	92
6) Aniline	6.99	93	25269	34.016	ng		99
8) 2-Chlorophenol	7.22	128	23285	41.705	ng		99
9) Benzaldehyde	6.80	77	11208	33.436	ng		98
10) Phenol	6.86	94	25898	41.431	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	18261	37.778	ng		98
12) 1,3-Dichlorobenzene	7.54	146	23228	38.185	ng		98
13) 1,4-Dichlorobenzene	7.69	146	23603	38.333	ng		99
14) 1,2-Dichlorobenzene	8.00	146	22946	38.939	ng		100
15) Benzyl Alcohol	7.90	79	17386	39.174	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	21149	36.264	ng		98
17) 2-Methylphenol	8.10	107	18521	42.502	ng		99
18) Hexachloroethane	8.71	117	8038	36.830	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	14265	37.302	ng		98
20) 3+4-Methylphenols	8.43	107	24753	41.836	ng		99
22) Acetophenone	8.48	105	30800	41.077	ng	#	99
24) Nitrobenzene	8.86	77	21407	38.955	ng		99
25) Isophorone	9.37	82	40535	38.319	ng		100
26) 2-Nitrophenol	9.56	139	12331	38.645	ng		97
27) 2,4-Dimethylphenol	9.62	122	21559	48.530	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	25789	39.348	ng		100
29) 2,4-Dichlorophenol	10.09	162	22347	43.768	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	23108	41.086	ng		100
31) Naphthalene	10.49	128	68924	40.218	ng		99
32) Benzoic acid	9.78	122	9972	30.219	ng		98
33) 4-Chloroaniline	10.61	127	14159	20.307	ng		99
34) Hexachlorobutadiene	10.75	225	14352	39.437	ng		98
35) Caprolactam	11.40	113	6284m	37.588	ng		
36) 4-Chloro-3-methylphenol	11.74	107	22273	40.382	ng		98
37) 2-Methylnaphthalene	12.10	142	50714	41.907	ng		99
38) 1-Methylnaphthalene	12.33	142	48352	40.832	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	27469	41.731	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	36663	97.395	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	17762	43.488	ng		97
44) 2,4,5-Trichlorophenol	12.80	196	18749	42.137	ng		99
46) 1,1'-Biphenyl	13.13	154	65801	41.893	ng		99
47) 2-Chloronaphthalene	13.17	162	50547	41.937	ng		98
48) 2-Nitroaniline	13.39	65	12241	38.151	ng		97
49) Acenaphthylene	14.02	152	80566	39.741	ng		99
50) Dimethylphthalate	13.77	163	64221	42.121	ng		99
51) 2,6-Dinitrotoluene	13.90	165	14138	40.751	ng		95
52) Acenaphthene	14.37	154	46934	41.156	ng		100
53) 3-Nitroaniline	14.23	138	7880	22.223	ng		98
54) 2,4-Dinitrophenol	14.44	184	10867	54.993	ng		98
55) Dibenzofuran	14.70	168	74980	41.319	ng		99
56) 4-Nitrophenol	14.55	139	21465	76.841	ng		98
57) 2,4-Dinitrotoluene	14.69	165	19651	41.678	ng		98
58) Fluorene	15.36	166	60003	40.932	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	17942	43.490	ng	#	99
60) Diethylphthalate	15.13	149	64456	42.365	ng		100
61) 4-Chlorophenyl-phenylether	15.35	204	32197	42.576	ng		99
62) 4-Nitroaniline	15.40	138	12878	36.146	ng		97
63) Azobenzene	15.64	77	49881	39.385	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	8437	31.230	ng		99
66) n-Nitrosodiphenylamine	15.57	169	53931	40.995	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	21270	40.812	ng		99
68) Hexachlorobenzene	16.35	284	25319	41.466	ng		98
69) Atrazine	16.52	200	18707	39.802	ng		99
70) Pentachlorophenol	16.70	266	26177	81.539	ng		99
71) Phenanthrene	17.10	178	94457	40.252	ng		99
72) Anthracene	17.19	178	97358	41.681	ng		100
73) Carbazole	17.46	167	85041	39.999	ng		99
74) Di-n-butylphthalate	18.02	149	108252	41.797	ng		99
75) Fluoranthene	19.12	202	109171	40.779	ng		99
77) Benzidine	19.32	184	52499	39.973	ng		99
78) Pyrene	19.48	202	110041	39.105	ng		100
80) Butylbenzylphthalate	20.39	149	47162	41.247	ng		97
81) Benzo(a)anthracene	21.24	228	101294	38.587	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	23723	24.167	ng		100
83) Chrysene	21.29	228	99739	39.778	ng		100
84) Bis(2-ethylhexyl)phthalate	21.16	149	67083	42.403	ng		99
85) Di-n-octyl phthalate	22.03	149	111631	43.723	ng		98
86) Indeno(1,2,3-cd)pyrene	25.73	276	107948	37.895	ng		100
88) Benzo(b)fluoranthene	22.81	252	101518	42.677	ng		99
89) Benzo(k)fluoranthene	22.86	252	99255	45.501	ng		99
90) Benzo(a)pyrene	23.39	252	95060	43.669	ng		99
91) Dibenzo(a,h)anthracene	25.74	278	92027	42.111	ng		99
92) Benzo(g,h,i)perylene	26.42	276	88877	41.123	ng		98

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

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