Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
Data File : BN005102.D
Acq On : 04 Apr 2019 20:28
Operator : JU/SJ
Sample : K2245-15MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TP-3DMS

Manual Integrations APPROVED
Sohil
4/5/2019 12:42:41 PM

Quant Time: Apr 05 04:00:52 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	9703	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	40279	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	22339	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	46823	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	42917	20.00	ng	-0.02
87) Perylene-d12	23.48	264	40957	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	74638	132.99	ng	-0.02
7) Phenol-d6	6.84	99	97779	131.36	ng	-0.02
23) Nitrobenzene-d5	8.82	82	55498	83.35	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	50216	139.38	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	150618	89.35	ng	-0.02
79) Terphenyl-d14	19.69	244	199303	89.41	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	6270	30.657	ng	# 95
3) Pyridine	3.57	79	16674	29.174	ng	97
4) n-Nitrosodimethylamine	3.50	42	6572	35.272	ng	99
6) Aniline	6.99	93	26114	27.549	ng	99
8) 2-Chlorophenol	7.22	128	29129	40.886	ng	98
9) Benzaldehyde	6.80	77	13125	30.684	ng	98
10) Phenol	6.86	94	32965	41.329	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	23327	37.819	ng	100
12) 1,3-Dichlorobenzene	7.54	146	29130	37.528	ng	98
13) 1,4-Dichlorobenzene	7.69	146	30110	38.322	ng	99
14) 1,2-Dichlorobenzene	8.00	146	29227	38.869	ng	99
15) Benzyl Alcohol	7.90	79	21852	38.586	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.17	45	26660	35.825	ng	99
17) 2-Methylphenol	8.10	107	23172	41.672	ng	99
18) Hexachloroethane	8.71	117	10116	36.324	ng	99
19) n-Nitroso-di-n-propylamine	8.46	70	18204	37.305	ng	98
20) 3+4-Methylphenols	8.43	107	31063	41.143	ng	99
22) Acetophenone	8.48	105	39287	42.728	ng	98
24) Nitrobenzene	8.86	77	26765	39.718	ng	97
25) Isophorone	9.37	82	51195	39.467	ng	99
26) 2-Nitrophenol	9.56	139	15791	40.357	ng	96
27) 2,4-Dimethylphenol	9.62	122	26308	48.293	ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	32590	40.549	ng	99
29) 2,4-Dichlorophenol	10.09	162	27900	44.562	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	29793	43.198	ng	99
31) Naphthalene	10.49	128	87476	41.625	ng	99
32) Benzoic acid	9.77	122	7842	21.427	ng	96
33) 4-Chloroaniline	10.61	127	7567	8.850	ng	99
34) Hexachlorobutadiene	10.75	225	18445	41.332	ng	99
35) Caprolactam	11.40	113	7385m	36.023	ng	
36) 4-Chloro-3-methylphenol	11.74	107	27548	40.730	ng	99
37) 2-Methylnaphthalene	12.10	142	64260	43.303	ng	98
38) 1-Methylnaphthalene	12.33	142	60474	41.646	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	34972	44.137	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	43520	96.105	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	22249	45.254	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	23520	43.912	ng		99
46) 1,1'-Biphenyl	13.13	154	81710	43.217	ng		99
47) 2-Chloronaphthalene	13.17	162	63001	43.422	ng		98
48) 2-Nitroaniline	13.39	65	14846	38.439	ng		99
49) Acenaphthylene	14.03	152	99635	40.829	ng		100
50) Dimethylphthalate	13.77	163	92060	50.160	ng		99
51) 2,6-Dinitrotoluene	13.90	165	17136	41.032	ng		96
52) Acenaphthene	14.37	154	57551	41.924	ng		99
53) 3-Nitroaniline	14.23	138	7707	18.056	ng		97
54) 2,4-Dinitrophenol	14.45	184	16120	66.095	ng		95
55) Dibenzofuran	14.70	168	92201	42.209	ng		99
56) 4-Nitrophenol	14.55	139	25239	75.059	ng		97
57) 2,4-Dinitrotoluene	14.69	165	23471	41.355	ng		98
58) Fluorene	15.36	166	73050	41.398	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.93	232	21704	43.704	ng	#	99
60) Diethylphthalate	15.13	149	76254	41.637	ng		99
61) 4-Chlorophenyl-phenylether	15.35	204	39082	42.933	ng		97
62) 4-Nitroaniline	15.40	138	15284	35.639	ng		99
63) Azobenzene	15.64	77	60076	39.406	ng		97
65) 4,6-Dinitro-2-methylphenol	15.45	198	11577	37.518	ng		99
66) n-Nitrosodiphenylamine	15.57	169	64363	43.639	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	25762	44.090	ng		96
68) Hexachlorobenzene	16.35	284	30537	44.608	ng		97
69) Atrazine	16.52	200	21966	41.686	ng		99
70) Pentachlorophenol	16.70	266	31543	87.638	ng		100
71) Phenanthrene	17.10	178	110204	41.888	ng		99
72) Anthracene	17.19	178	112149	42.826	ng		99
73) Carbazole	17.46	167	96669	40.556	ng		100
74) Di-n-butylphthalate	18.02	149	124168	42.763	ng		100
75) Fluoranthene	19.12	202	121368	40.437	ng		99
77) Benzidine	19.32	184	23763	17.767	ng		99
78) Pyrene	19.49	202	121708	42.471	ng		100
80) Butylbenzylphthalate	20.39	149	50253	43.158	ng		97
81) Benzo(a)anthracene	21.24	228	105506	39.467	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	20535	20.542	ng		100
83) Chrysene	21.29	228	104103	40.770	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	71743	44.531	ng		99
85) Di-n-octyl phthalate	22.03	149	116030	44.627	ng		98
86) Indeno(1,2,3-cd)pyrene	25.73	276	124399	42.882	ng		99
88) Benzo(b)fluoranthene	22.81	252	105740	41.943	ng		99
89) Benzo(k)fluoranthene	22.86	252	102443	44.313	ng		99
90) Benzo(a)pyrene	23.39	252	100165	43.418	ng		100
91) Dibenzo(a,h)anthracene	25.74	278	104595	45.161	ng		99
92) Benzo(g,h,i)perylene	26.42	276	102786	44.875	ng		98

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

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