Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005128.D
Acq On : 10 Apr 2019 15:19
Operator : JU/SJ
Sample : K2343-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-7-SMS

Quant Time: Apr 11 09:14:25 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	7039	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	27133	20.00	ng		-0.03
39) Acenaphthene-d10	14.30	164	13826	20.00	ng		-0.03
64) Phenanthrene-d10	17.05	188	26409	20.00	ng		-0.02
76) Chrysene-d12	21.25	240	24620	20.00	ng		-0.02
87) Perylene-d12	23.49	264	27328	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	53638	131.74	ng		-0.02
7) Phenol-d6	6.83	99	67625	125.23	ng		-0.02
23) Nitrobenzene-d5	8.82	82	37573	83.77	ng		-0.03
42) 2,4,6-Tribromophenol	15.80	330	29334	131.55	ng		-0.02
45) 2-Fluorobiphenyl	12.92	172	97396	93.35	ng		-0.02
79) Terphenyl-d14	19.69	244	111684	87.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	5223	35.203	ng		98
3) Pyridine	3.57	79	13681	32.996	ng		97
4) n-Nitrosodimethylamine	3.50	42	4735	35.030	ng	#	98
6) Aniline	6.99	93	19202	27.924	ng		99
8) 2-Chlorophenol	7.22	128	20107	38.904	ng		99
9) Benzaldehyde	6.80	77	6785	21.866	ng		99
10) Phenol	6.86	94	22195	38.357	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	16378	36.602	ng		97
12) 1,3-Dichlorobenzene	7.54	146	21362	37.936	ng		99
13) 1,4-Dichlorobenzene	7.69	146	21722	38.109	ng		98
14) 1,2-Dichlorobenzene	8.00	146	21001	38.499	ng		100
15) Benzyl Alcohol	7.90	79	14338	34.900	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	17648	32.690	ng		97
17) 2-Methylphenol	8.10	107	15525	38.486	ng		97
18) Hexachloroethane	8.71	117	7158	35.430	ng		99
19) n-Nitroso-di-n-propylamine	8.46	70	11928	33.694	ng		96
20) 3+4-Methylphenols	8.42	107	20339	37.135	ng		99
22) Acetophenone	8.48	105	26388	42.604	ng		99
24) Nitrobenzene	8.86	77	17818	39.252	ng		98
25) Isophorone	9.37	82	32642	37.356	ng		99
26) 2-Nitrophenol	9.56	139	10247	38.877	ng		96
27) 2,4-Dimethylphenol	9.62	122	17206	46.887	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	21216	39.187	ng		100
29) 2,4-Dichlorophenol	10.09	162	17807	42.221	ng		97
30) 1,2,4-Trichlorobenzene	10.30	180	19958	42.958	ng		99
31) Naphthalene	10.49	128	59099	41.748	ng		100
33) 4-Chloroaniline	10.61	127	9981	17.329	ng		98
34) Hexachlorobutadiene	10.75	225	12417	41.305	ng		99
35) Caprolactam	11.40	113	3848	27.864	ng		89
36) 4-Chloro-3-methylphenol	11.74	107	17006	37.325	ng		98
37) 2-Methylnaphthalene	12.10	142	42089	42.104	ng		98
38) 1-Methylnaphthalene	12.33	142	39509	40.391	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	22343	45.561	ng		99
41) Hexachlorocyclopentadiene	12.44	237	26821	95.716	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.73	196	13198	43.373	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	13697	41.318	ng		99
46) 1,1'-Biphenyl	13.13	154	52112	44.533	ng		99
47) 2-Chloronaphthalene	13.17	162	40008	44.553	ng		99
48) 2-Nitroaniline	13.39	65	8563	35.822	ng		93
49) Acenaphthylene	14.02	152	62322	41.263	ng		99
50) Dimethylphthalate	13.76	163	55475	48.838	ng		100
51) 2,6-Dinitrotoluene	13.90	165	10170	39.346	ng		92
52) Acenaphthene	14.36	154	36055	42.437	ng		99
53) 3-Nitroaniline	14.23	138	6301	23.851	ng		97
54) 2,4-Dinitrophenol	14.44	184	4563	34.140	ng		98
55) Dibenzofuran	14.70	168	56652	41.904	ng		97
56) 4-Nitrophenol	14.55	139	12953	62.240	ng		96
57) 2,4-Dinitrotoluene	14.69	165	13254	37.732	ng		98
58) Fluorene	15.35	166	44397	40.652	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	12210	39.725	ng	#	97
60) Diethylphthalate	15.13	149	44065	38.875	ng		100
61) 4-Chlorophenyl-phenylether	15.35	204	23340	41.427	ng		100
62) 4-Nitroaniline	15.40	138	8350	31.459	ng		98
63) Azobenzene	15.64	77	34560	36.627	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	5909	34.251	ng		96
66) n-Nitrosodiphenylamine	15.57	169	37731	45.357	ng		98
67) 4-Bromophenyl-phenylether	16.25	248	14789	44.875	ng		98
68) Hexachlorobenzene	16.35	284	17730	45.921	ng		96
69) Atrazine	16.52	200	12059	40.575	ng		99
70) Pentachlorophenol	16.70	266	14672	72.275	ng		100
71) Phenanthrene	17.09	178	64953	43.772	ng		100
72) Anthracene	17.19	178	64321	43.548	ng		99
73) Carbazole	17.46	167	53043	39.455	ng		99
74) Di-n-butylphthalate	18.01	149	65437	39.956	ng		100
75) Fluoranthene	19.12	202	69063	40.797	ng		99
77) Benzidine	19.32	184	25420	33.130	ng		99
78) Pyrene	19.48	202	68592	41.724	ng		99
80) Butylbenzylphthalate	20.39	149	26459	39.610	ng		97
81) Benzo(a)anthracene	21.24	228	62222	40.573	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	17428	30.390	ng		99
83) Chrysene	21.29	228	61651	42.088	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	40237	43.536	ng		99
85) Di-n-octyl phthalate	22.03	149	68724	46.076	ng		98
86) Indeno(1,2,3-cd)pyrene	25.74	276	91091	54.737	ng		99
88) Benzo(b)fluoranthene	22.82	252	69022	41.033	ng		99
89) Benzo(k)fluoranthene	22.86	252	68383	44.332	ng		99
90) Benzo(a)pyrene	23.39	252	68858	44.733	ng		99
91) Dibenzo(a,h)anthracene	25.74	278	75124	48.613	ng		99
92) Benzo(g,h,i)perylene	26.43	276	76285	49.915	ng		97

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

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