Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
Data File : BF113617.D
Acq On : 5 Apr 2019 15:24
Operator : JU/SJ
Sample : K2213-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S10A(2-10)COMPMSD

Quant Time: Apr 05 16:16:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 05 14:02:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	109979	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	417903	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	197621	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	349137	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	263546	20.00	ng		0.00
87) Perylene-d12	15.23	264	250881	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	515317	79.90	ng		0.00
7) Phenol-d6	6.33	99	660832	83.13	ng		0.00
23) Nitrobenzene-d5	7.25	82	387285	54.28	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	179426	75.58	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	756394	61.62	ng		0.00
79) Terphenyl-d14	12.77	244	633568	48.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	68259	22.346	ng		96
3) Pyridine	3.09	79	98904	12.372	ng		99
4) n-Nitrosodimethylamine	2.99	42	77662	22.865	ng		99
6) Aniline	6.35	93	118580	12.307	ng	#	48
8) 2-Chlorophenol	6.47	128	191915	25.719	ng		99
9) Benzaldehyde	6.23	77	115375	24.410	ng		97
10) Phenol	6.35	94	234300	25.808	ng		98
11) bis(2-Chloroethyl)ether	6.42	93	178409	25.263	ng		98
12) 1,3-Dichlorobenzene	6.62	146	200802	24.988	ng		100
13) 1,4-Dichlorobenzene	6.70	146	208103	25.627	ng		100
14) 1,2-Dichlorobenzene	6.85	146	194582	26.546	ng		99
15) Benzyl Alcohol	6.83	79	151517	28.190	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	275044	25.021	ng		94
17) 2-Methylphenol	6.96	107	149124	25.788	ng		97
18) Hexachloroethane	7.19	117	66830	22.610	ng		91
19) n-Nitroso-di-n-propylamine	7.10	70	127427	25.996	ng		99
20) 3+4-Methylphenols	7.12	107	200219	28.575	ng		96
22) Acetophenone	7.09	105	259236	28.244	ng		99
24) Nitrobenzene	7.26	77	193233	26.300	ng		97
25) Isophorone	7.50	82	350066	25.471	ng		98
26) 2-Nitrophenol	7.59	139	97307	24.608	ng		100
27) 2,4-Dimethylphenol	7.63	122	164911	29.171	ng		100
28) bis(2-Chloroethoxy)methane	7.72	93	224518	25.839	ng		99
29) 2,4-Dichlorophenol	7.84	162	162634	26.888	ng		98
30) 1,2,4-Trichlorobenzene	7.91	180	172289	26.230	ng		100
31) Naphthalene	7.99	128	549431	27.135	ng		99
32) Benzoic acid	7.73	122	17606	4.022	ng		96
33) 4-Chloroaniline	8.05	127	105481	13.138	ng		96
34) Hexachlorobutadiene	8.10	225	101063	25.237	ng		99
35) Caprolactam	8.40	113	43131	22.464	ng		93
36) 4-Chloro-3-methylphenol	8.54	107	162284	26.727	ng		99
37) 2-Methylnaphthalene	8.67	142	365946	27.479	ng		99
38) 1-Methylnaphthalene	8.77	142	343503	26.750	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	171827	26.885	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	25561	22.880	ng	100
43) 2,4,6-Trichlorophenol	8.96	196	111294	27.587	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	116134	26.813	ng	97
46) 1,1'-Biphenyl	9.14	154	453170	27.789	ng	98
47) 2-Chloronaphthalene	9.16	162	336100	27.221	ng	99
48) 2-Nitroaniline	9.26	65	104278	27.601	ng	90
49) Acenaphthylene	9.57	152	547441	27.266	ng	100
50) Dimethylphthalate	9.44	163	439364	30.161	ng	99
51) 2,6-Dinitrotoluene	9.50	165	83684	26.061	ng	96
52) Acenaphthene	9.75	154	311716	27.122	ng	100
53) 3-Nitroaniline	9.67	138	77727	21.290	ng	99
54) 2,4-Dinitrophenol	9.81	184	9895	6.587	ng	97
55) Dibenzofuran	9.92	168	471773	27.983	ng	98
56) 4-Nitrophenol	9.86	139	92586	40.883	ng	99
57) 2,4-Dinitrotoluene	9.92	165	103720	26.708	ng	99
58) Fluorene	10.26	166	368393	27.628	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	94111	25.103	ng	98
60) Diethylphthalate	10.13	149	384159	27.352	ng	98
61) 4-Chlorophenyl-phenylether	10.25	204	181959	27.743	ng	98
62) 4-Nitroaniline	10.29	138	84023	22.633	ng	97
63) Azobenzene	10.41	77	340789	25.626	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	10726	5.836	ng	89
66) n-Nitrosodiphenylamine	10.37	169	324957	30.318	ng	100
67) 4-Bromophenyl-phenylether	10.74	248	112303	28.680	ng	96
68) Hexachlorobenzene	10.82	284	121513	27.083	ng	94
69) Atrazine	10.90	200	96437	28.546	ng	99
70) Pentachlorophenol	11.02	266	80144	37.908	ng	99
71) Phenanthrene	11.22	178	482732	27.825	ng	99
72) Anthracene	11.27	178	499315	28.288	ng	99
73) Carbazole	11.43	167	440864	26.705	ng	99
74) Di-n-butylphthalate	11.76	149	559828	28.506	ng	99
75) Fluoranthene	12.40	202	493099	26.524	ng	97
77) Benzidine	12.53	184	88941	9.075	ng	97
78) Pyrene	12.63	202	490725	24.471	ng	98
80) Butylbenzylphthalate	13.24	149	187538	22.975	ng	96
81) Benzo(a)anthracene	13.82	228	417408	27.456	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	141393	24.147	ng	98
83) Chrysene	13.85	228	420094	27.259	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	245521	24.878	ng	100
85) Di-n-octyl phthalate	14.41	149	441193	27.502	ng	100
86) Indeno(1,2,3-cd)pyrene	16.58	276	318300	22.370	ng	100
88) Benzo(b)fluoranthene	14.83	252	450590	29.341	ng	99
89) Benzo(k)fluoranthene	14.86	252	388930	28.219	ng	99
90) Benzo(a)pyrene	15.17	252	376727	27.607	ng	98
91) Dibenzo(a,h)anthracene	16.59	278	273264	21.413	ng	100
92) Benzo(g,h,i)perylene	16.99	276	251390	19.300	ng	98

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

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