Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
Data File : BF113616.D
Acq On : 5 Apr 2019 14:55
Operator : JU/SJ
Sample : K2213-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 05 16:16:22 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	109593	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	414633	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	191410	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	329951	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	259846	20.00	ng		0.00
87) Perylene-d12	15.23	264	247573	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	519189	80.78	ng		0.00
7) Phenol-d6	6.34	99	657240	82.97	ng		0.00
23) Nitrobenzene-d5	7.25	82	386138	54.55	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	167579	72.88	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	743860	62.56	ng		0.00
79) Terphenyl-d14	12.77	244	619612	48.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	71589	23.519	ng		96
3) Pyridine	3.10	79	104919	13.171	ng		98
4) n-Nitrosodimethylamine	2.99	42	83581	24.695	ng		97
6) Aniline	6.35	93	118457	12.337	ng	#	55
8) 2-Chlorophenol	6.47	128	190266	25.588	ng		98
9) Benzaldehyde	6.23	77	112750	23.939	ng		98
10) Phenol	6.35	94	234249	25.893	ng		91
11) bis(2-Chloroethyl)ether	6.42	93	181455	25.785	ng		96
12) 1,3-Dichlorobenzene	6.62	146	202639	25.306	ng		99
13) 1,4-Dichlorobenzene	6.70	146	206904	25.569	ng		99
14) 1,2-Dichlorobenzene	6.85	146	190395	26.066	ng		100
15) Benzyl Alcohol	6.83	79	152892	28.546	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	274695	25.077	ng		91
17) 2-Methylphenol	6.96	107	148689	25.803	ng		97
18) Hexachloroethane	7.19	117	67047	22.763	ng		94
19) n-Nitroso-di-n-propylamine	7.10	70	128184	26.243	ng		99
20) 3+4-Methylphenols	7.12	107	198083	28.370	ng		96
22) Acetophenone	7.09	105	255664	28.074	ng		99
24) Nitrobenzene	7.27	77	189523	25.998	ng		95
25) Isophorone	7.50	82	346815	25.434	ng		98
26) 2-Nitrophenol	7.59	139	96215	24.523	ng		99
27) 2,4-Dimethylphenol	7.63	122	164878	29.396	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	218810	25.381	ng		99
29) 2,4-Dichlorophenol	7.84	162	160042	26.668	ng		98
30) 1,2,4-Trichlorobenzene	7.91	180	170627	26.182	ng		99
31) Naphthalene	7.99	128	541680	26.963	ng		100
32) Benzoic acid	7.73	122	18712	4.308	ng		86
33) 4-Chloroaniline	8.05	127	105649	13.262	ng		97
34) Hexachlorobutadiene	8.10	225	99472	25.035	ng		98
35) Caprolactam	8.40	113	41018	21.532	ng		99
36) 4-Chloro-3-methylphenol	8.54	107	157790	26.192	ng		98
37) 2-Methylnaphthalene	8.68	142	361210	27.337	ng		98
38) 1-Methylnaphthalene	8.77	142	340397	26.717	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	168590	27.234	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	26935	23.717 ng		97
43) 2,4,6-Trichlorophenol	8.96	196	108511	27.770 ng		98
44) 2,4,5-Trichlorophenol	9.02	196	111371	26.548 ng		97
46) 1,1'-Biphenyl	9.14	154	440618	27.896 ng		99
47) 2-Chloronaphthalene	9.16	162	327485	27.384 ng		98
48) 2-Nitroaniline	9.26	65	100045	27.340 ng		89
49) Acenaphthylene	9.57	152	527618	27.132 ng		100
50) Dimethylphthalate	9.44	163	423684	30.028 ng		98
51) 2,6-Dinitrotoluene	9.50	165	81051	26.060 ng		95
52) Acenaphthene	9.75	154	301109	27.050 ng		99
53) 3-Nitroaniline	9.67	138	75222	21.273 ng		100
54) 2,4-Dinitrophenol	9.81	184	9541	6.557 ng	#	87
55) Dibenzofuran	9.92	168	454481	27.833 ng		98
56) 4-Nitrophenol	9.86	139	89296	40.709 ng		98
57) 2,4-Dinitrotoluene	9.92	165	98552	26.200 ng		96
58) Fluorene	10.26	166	351709	27.232 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	89760	24.719 ng		97
60) Diethylphthalate	10.13	149	370543	27.239 ng		98
61) 4-Chlorophenyl-phenylether	10.25	204	174817	27.519 ng		99
62) 4-Nitroaniline	10.29	138	80307	22.334 ng		96
63) Azobenzene	10.41	77	324415	25.187 ng		97
65) 4,6-Dinitro-2-methylphenol	10.33	198	10422	6.000 ng		88
66) n-Nitrosodiphenylamine	10.37	169	309087	30.514 ng		100
67) 4-Bromophenyl-phenylether	10.74	248	103981	28.099 ng		97
68) Hexachlorobenzene	10.82	284	114355	26.970 ng		93
69) Atrazine	10.90	200	90213	28.256 ng		99
70) Pentachlorophenol	11.02	266	78158	39.118 ng		97
71) Phenanthrene	11.22	178	455876	27.805 ng		99
72) Anthracene	11.27	178	473372	28.378 ng		100
73) Carbazole	11.43	167	416918	26.723 ng		99
74) Di-n-butylphthalate	11.76	149	516158	27.811 ng		99
75) Fluoranthene	12.40	202	480218	27.333 ng		97
77) Benzidine	12.53	184	76625	7.930 ng		99
78) Pyrene	12.63	202	482236	24.391 ng		99
80) Butylbenzylphthalate	13.24	149	183330	22.779 ng		96
81) Benzo(a)anthracene	13.82	228	409976	27.351 ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	135319	23.438 ng		99
83) Chrysene	13.85	228	416508	27.411 ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	241585	24.827 ng		100
85) Di-n-octyl phthalate	14.41	149	430523	27.219 ng		99
86) Indeno(1,2,3-cd)pyrene	16.58	276	314582	22.423 ng		99
88) Benzo(b)fluoranthene	14.83	252	433640	28.615 ng		100
89) Benzo(k)fluoranthene	14.86	252	391301	28.770 ng		100
90) Benzo(a)pyrene	15.17	252	369258	27.421 ng	#	98
91) Dibenzo(a,h)anthracene	16.59	278	272319	21.625 ng		98
92) Benzo(g,h,i)perylene	16.99	276	247589	19.262 ng		99

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

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