Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113535.D
Acq On : 3 Apr 2019 6:47
Operator : JU/SJ
Sample : K2056-05MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7MS

Quant Time: Apr 03 08:02:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	141808	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	511143	20.00	ng		-0.01
39) Acenaphthene-d10	9.72	164	231832	20.00	ng		-0.02
64) Phenanthrene-d10	11.20	188	414629	20.00	ng		-0.01
76) Chrysene-d12	13.84	240	368054	20.00	ng		0.00
87) Perylene-d12	15.24	264	293312	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	856780	98.79	ng		0.00
7) Phenol-d6	6.35	99	990699	90.30	ng		0.00
23) Nitrobenzene-d5	7.26	82	758672	88.10	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	325817	113.78	ng		-0.01
45) 2-Fluorobiphenyl	9.05	172	1362668	93.99	ng		-0.01
79) Terphenyl-d14	12.79	244	1396206	83.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	130000	29.544	ng	#	82
3) Pyridine	3.18	79	270687	24.954	ng		96
4) n-Nitrosodimethylamine	3.08	42	151729	31.464	ng		92
6) Aniline	6.36	93	101550	7.601	ng	#	1
8) 2-Chlorophenol	6.49	128	369226	36.662	ng		95
9) Benzaldehyde	6.24	77	213635	29.018	ng		98
10) Phenol	6.36	94	352821	28.169	ng	#	73
11) bis(2-Chloroethyl)ether	6.43	93	364164	37.929	ng		100
12) 1,3-Dichlorobenzene	6.63	146	353402	32.554	ng		99
13) 1,4-Dichlorobenzene	6.71	146	368375	35.144	ng		100
14) 1,2-Dichlorobenzene	6.86	146	340804	33.049	ng		99
15) Benzyl Alcohol	6.85	79	284556	39.314	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	555368	38.505	ng		81
17) 2-Methylphenol	6.97	107	284159	36.003	ng	#	93
18) Hexachloroethane	7.20	117	113459	30.137	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	260242	37.763	ng		99
20) 3+4-Methylphenols	7.12	107	365891	39.434	ng		92
22) Acetophenone	7.10	105	518778	44.504	ng		96
24) Nitrobenzene	7.28	77	386558	43.015	ng		99
25) Isophorone	7.52	82	710908	42.597	ng		100
26) 2-Nitrophenol	7.60	139	183969	38.730	ng		91
27) 2,4-Dimethylphenol	7.65	122	330566	48.379	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	458257	43.603	ng		100
29) 2,4-Dichlorophenol	7.85	162	317278	42.848	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	327592	41.006	ng		98
31) Naphthalene	8.00	128	1037383	41.531	ng		100
32) Benzoic acid	7.76	122	47334	8.606	ng		98
33) 4-Chloroaniline	8.05	127	55190	5.666	ng		98
34) Hexachlorobutadiene	8.12	225	188593	39.719	ng		99
35) Caprolactam	8.42	113	62711	26.388	ng		99
36) 4-Chloro-3-methylphenol	8.55	107	305557	41.027	ng		99
37) 2-Methylnaphthalene	8.69	142	699648	44.891	ng		99
38) 1-Methylnaphthalene	8.79	142	663178	44.238	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	329315	44.252	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	27214	8.640	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	213998	44.159	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	225195	41.990	ng	100
46) 1,1'-Biphenyl	9.15	154	858503	44.338	ng	99
47) 2-Chloronaphthalene	9.17	162	639340	42.885	ng	98
48) 2-Nitroaniline	9.27	65	210892	45.077	ng	93
49) Acenaphthylene	9.59	152	1006012	41.734	ng	99
50) Dimethylphthalate	9.45	163	780505	45.429	ng	100
51) 2,6-Dinitrotoluene	9.52	165	159701	41.204	ng	91
52) Acenaphthene	9.76	154	582389	42.902	ng	100
53) 3-Nitroaniline	9.68	138	73683	16.858	ng	92
54) 2,4-Dinitrophenol	9.81	184	18056	9.366	ng	93
55) Dibenzofuran	9.93	168	870834	42.672	ng	99
56) 4-Nitrophenol	9.86	139	153502	49.260	ng	95
57) 2,4-Dinitrotoluene	9.92	165	186889	37.916	ng	93
58) Fluorene	10.27	166	656649	41.420	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	180398	39.777	ng	97
60) Diethylphthalate	10.15	149	752609	44.654	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	338183	43.768	ng	93
62) 4-Nitroaniline	10.30	138	176534	39.228	ng	95
63) Azobenzene	10.42	77	652175	41.107	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	14387	6.343	ng	89
66) n-Nitrosodiphenylamine	10.38	169	607485	47.747	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	209737	46.411	ng	93
68) Hexachlorobenzene	10.82	284	234519	44.708	ng	94
69) Atrazine	10.91	200	185909	46.294	ng	96
70) Pentachlorophenol	11.02	266	125087	45.770	ng	99
71) Phenanthrene	11.23	178	903647	43.887	ng	99
72) Anthracene	11.28	178	942031	45.042	ng	99
73) Carbazole	11.43	167	879906	44.090	ng	99
74) Di-n-butylphthalate	11.77	149	1092973	47.227	ng	98
75) Fluoranthene	12.41	202	1016305	43.661	ng	99
77) Benzidine	12.53	184	466734	33.114	ng	96
78) Pyrene	12.64	202	1030172	40.391	ng	99
80) Butylbenzylphthalate	13.26	149	466562	41.508	ng	97
81) Benzo(a)anthracene	13.83	228	874773	41.521	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	152253	18.014	ng	100
83) Chrysene	13.86	228	895994	41.870	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	619800	44.980	ng	99
85) Di-n-octyl phthalate	14.43	149	1136336	48.583	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	697519	37.980	ng	99
88) Benzo(b)fluoranthene	14.84	252	799905	43.901	ng	99
89) Benzo(k)fluoranthene	14.87	252	755690	47.228	ng	100
90) Benzo(a)pyrene	15.18	252	701992	43.459	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	599720	42.938	ng	99
92) Benzo(g,h,i)perylene	17.00	276	566230	40.207	ng	98

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

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