Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
Data File : BF114797.D
Acq On : 4 Jun 2019 18:07
Operator : HP/JU
Sample : K2641-14MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-053119-AMS

Quant Time: Jun 05 04:23:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	168638	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	637975	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	305840	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	614789	20.00	ng		0.00
76) Chrysene-d12	13.79	240	510032	20.00	ng		0.00
87) Perylene-d12	15.16	264	615109	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1142531	118.38	ng		0.00
7) Phenol-d6	6.30	99	1275173	108.59	ng		0.00
23) Nitrobenzene-d5	7.22	82	899885	86.83	ng		-0.01
42) 2,4,6-Tribromophenol	10.47	330	438992	133.19	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1788190	109.53	ng		0.00
79) Terphenyl-d14	12.74	244	2194457	83.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	167103	36.265	ng		98
3) Pyridine	3.00	79	366736	28.960	ng		97
4) n-Nitrosodimethylamine	2.89	42	176673	38.120	ng		92
6) Aniline	6.32	93	123984	7.441	ng		93
8) 2-Chlorophenol	6.45	128	475655	42.656	ng		99
9) Benzaldehyde	6.20	77	121417	14.905	ng		98
10) Phenol	6.31	94	468539	34.889	ng	#	76
11) bis(2-Chloroethyl)ether	6.40	93	431207	41.143	ng		97
12) 1,3-Dichlorobenzene	6.60	146	494266	38.039	ng		99
13) 1,4-Dichlorobenzene	6.68	146	506551	38.744	ng		98
14) 1,2-Dichlorobenzene	6.83	146	476530	40.357	ng		99
15) Benzyl Alcohol	6.80	79	382255	43.044	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	581088	38.766	ng		99
17) 2-Methylphenol	6.92	107	364601	38.252	ng		99
18) Hexachloroethane	7.18	117	177193	36.007	ng		95
19) n-Nitroso-di-n-propylamine	7.08	70	305959	39.359	ng		99
20) 3+4-Methylphenols	7.07	107	449748	42.780	ng	#	85
22) Acetophenone	7.07	105	642693	45.757	ng		97
24) Nitrobenzene	7.24	77	472506	44.009	ng		99
25) Isophorone	7.49	82	851568	41.563	ng		99
26) 2-Nitrophenol	7.56	139	253820	43.649	ng		92
27) 2,4-Dimethylphenol	7.60	122	400392	45.302	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	539507	41.193	ng		98
29) 2,4-Dichlorophenol	7.80	162	397244	42.721	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	442626	41.486	ng		99
31) Naphthalene	7.97	128	1383817	48.180	ng		96
32) Benzoic acid	7.69	122	175005	27.186	ng		99
33) 4-Chloroaniline	8.02	127	80352	5.864	ng		95
34) Hexachlorobutadiene	8.10	225	239881	39.546	ng		98
35) Caprolactam	8.36	113	97299	32.032	ng		93
36) 4-Chloro-3-methylphenol	8.50	107	390917	42.248	ng		100
37) 2-Methylnaphthalene	8.66	142	926102	46.487	ng		99
38) 1-Methylnaphthalene	8.75	142	879084	46.531	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	403682	45.801	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	404321	75.637	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	285408	41.644	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	304472	44.112	ng		100
46) 1,1'-Biphenyl	9.12	154	1106785	48.827	ng		96
47) 2-Chloronaphthalene	9.14	162	866456	44.985	ng		97
48) 2-Nitroaniline	9.23	65	241062	41.939	ng		91
49) Acenaphthylene	9.55	152	1366893	48.937	ng		96
50) Dimethylphthalate	9.42	163	1007371	45.098	ng		99
51) 2,6-Dinitrotoluene	9.47	165	225922	43.006	ng		97
52) Acenaphthene	9.72	154	885704	48.407	ng		98
53) 3-Nitroaniline	9.63	138	114107	18.594	ng		93
54) 2,4-Dinitrophenol	9.75	184	173474	72.976	ng		95
55) Dibenzofuran	9.90	168	1216043	47.795	ng		93
56) 4-Nitrophenol	9.80	139	377510	83.951	ng		99
57) 2,4-Dinitrotoluene	9.87	165	309062	46.800	ng		95
58) Fluorene	10.23	166	884632	56.629	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	258818	45.769	ng		99
60) Diethylphthalate	10.12	149	999747	44.603	ng		97
61) 4-Chlorophenyl-phenylether	10.23	204	437718	44.918	ng		97
62) 4-Nitroaniline	10.24	138	236866	39.794	ng		95
63) Azobenzene	10.39	77	888117	46.548	ng		96
65) 4,6-Dinitro-2-methylphenol	10.28	198	116652	36.527	ng		92
66) n-Nitrosodiphenylamine	10.34	169	830667	44.684	ng		99
67) 4-Bromophenyl-phenylether	10.72	248	285937	40.951	ng		100
68) Hexachlorobenzene	10.79	284	313094	40.971	ng		96
69) Atrazine	10.87	200	274100	42.395	ng		98
70) Pentachlorophenol	10.97	266	350960	79.445	ng		99
71) Phenanthrene	11.19	178	1445247	49.243	ng		97
72) Anthracene	11.24	178	1478934	47.882	ng		96
73) Carbazole	11.39	167	1359580	51.348	ng		96
74) Di-n-butylphthalate	11.74	149	1679923	48.238	ng		97
75) Fluoranthene	12.37	202	1559315	51.046	ng		97
77) Benzidine	12.49	184	187101	7.410	ng	#	81
78) Pyrene	12.59	202	1579122	35.690	ng		97
80) Butylbenzylphthalate	13.23	149	788827	35.305	ng		94
81) Benzo(a)anthracene	13.77	228	1524939	38.799	ng		97
82) 3,3'-Dichlorobenzidine	13.74	252	230307	14.451	ng		99
83) Chrysene	13.81	228	1507415	39.426	ng		98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1103994	39.075	ng		98
85) Di-n-octyl phthalate	14.40	149	1896350	39.502	ng		98
86) Indeno(1,2,3-cd)pyrene	16.47	276	1839008	42.155	ng		100
88) Benzo(b)fluoranthene	14.78	252	1761851	44.992	ng		99
89) Benzo(k)fluoranthene	14.81	252	1399735	42.092	ng		97
90) Benzo(a)pyrene	15.11	252	1561797	46.080	ng		99
91) Dibenzo(a,h)anthracene	16.49	278	1537388	47.897	ng		99
92) Benzo(g,h,i)perylene	16.86	276	1544954	47.864	ng		99

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

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