Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114635.D
Acq On : 29 May 2019 15:42
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: May 29 16:58:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	341799	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1373106	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	671600	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1275610	20.00	ng		0.00
76) Chrysene-d12	13.82	240	743349	20.00	ng		0.00
87) Perylene-d12	15.20	264	918119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1892726	89.11	ng		0.00
7) Phenol-d6	6.33	99	2301421	91.61	ng		0.00
23) Nitrobenzene-d5	7.26	82	2181604	89.16	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	626170	90.18	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	3471204	78.18	ng		0.00
79) Terphenyl-d14	12.78	244	3797532	105.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	464845	39.817	ng		99
3) Pyridine	3.05	79	1336608	41.554	ng		99
4) n-Nitrosodimethylamine	3.00	42	550229	35.473	ng		100
6) Aniline	6.36	93	1736426	47.852	ng		99
8) 2-Chlorophenol	6.48	128	1114135	49.136	ng		97
9) Benzaldehyde	6.24	77	600245	34.131	ng		98
10) Phenol	6.35	94	1373780	46.488	ng		93
11) bis(2-Chloroethyl)ether	6.44	93	1070347	47.709	ng		99
12) 1,3-Dichlorobenzene	6.64	146	1263044	49.624	ng		98
13) 1,4-Dichlorobenzene	6.72	146	1264113	49.288	ng		99
14) 1,2-Dichlorobenzene	6.87	146	1151398	49.138	ng		98
15) Benzyl Alcohol	6.84	79	915594	46.732	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1652788	37.995	ng		100
17) 2-Methylphenol	6.95	107	934629	50.179	ng		99
18) Hexachloroethane	7.22	117	484376	50.314	ng		91
19) n-Nitroso-di-n-propylamine	7.13	70	793294	49.822	ng		99
20) 3+4-Methylphenols	7.11	107	1002156	46.568	ng		97
22) Acetophenone	7.11	105	1391063	45.730	ng	#	97
24) Nitrobenzene	7.28	77	1160622	46.574	ng		97
25) Isophorone	7.52	82	2156357	47.521	ng		99
26) 2-Nitrophenol	7.59	139	574135	47.487	ng		98
27) 2,4-Dimethylphenol	7.64	122	921036	48.504	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	1385980	47.074	ng		99
29) 2,4-Dichlorophenol	7.83	162	951888	50.342	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	1092952	50.832	ng		98
31) Naphthalene	8.00	128	2937226	45.794	ng		100
32) Benzoic acid	7.77	122	582726	46.864	ng		99
33) 4-Chloroaniline	8.05	127	1446608	49.494	ng		98
34) Hexachlorobutadiene	8.13	225	608518	49.740	ng		99
35) Caprolactam	8.43	113	318506	51.659	ng		95
36) 4-Chloro-3-methylphenol	8.53	107	948134	49.816	ng		96
37) 2-Methylnaphthalene	8.69	142	2045063	49.418	ng		100
38) 1-Methylnaphthalene	8.79	142	1930422	49.535	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	881534	43.331	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	587557	68.639	ng		98
43) 2,4,6-Trichlorophenol	8.96	196	703292	50.259	ng		100
44) 2,4,5-Trichlorophenol	9.00	196	696714	48.549	ng		97
46) 1,1'-Biphenyl	9.16	154	2345226	43.225	ng		99
47) 2-Chloronaphthalene	9.17	162	2013717	46.118	ng		97
48) 2-Nitroaniline	9.26	65	635539	41.041	ng		97
49) Acenaphthylene	9.59	152	2973195	44.769	ng		99
50) Dimethylphthalate	9.46	163	2299473	46.641	ng		99
51) 2,6-Dinitrotoluene	9.51	165	541335	49.504	ng		92
52) Acenaphthene	9.76	154	1893866	46.472	ng		99
53) 3-Nitroaniline	9.67	138	664595	48.960	ng		96
54) 2,4-Dinitrophenol	9.77	184	221092	50.411	ng	#	87
55) Dibenzofuran	9.93	168	2589208	43.328	ng		98
56) 4-Nitrophenol	9.83	139	492291	51.283	ng		90
57) 2,4-Dinitrotoluene	9.91	165	701531	47.266	ng		95
58) Fluorene	10.27	166	1772408	38.399	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	573380	46.306	ng		100
60) Diethylphthalate	10.16	149	2350042	46.913	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	893600	39.417	ng		99
62) 4-Nitroaniline	10.29	138	645034	45.221	ng		99
63) Azobenzene	10.43	77	2147768	44.295	ng		95
65) 4,6-Dinitro-2-methylphenol	10.32	198	295343	48.184	ng		91
66) n-Nitrosodiphenylamine	10.39	169	1841963	47.577	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	683475	48.663	ng		96
68) Hexachlorobenzene	10.82	284	734886	47.297	ng		99
69) Atrazine	10.91	200	563555	46.776	ng		99
70) Pentachlorophenol	11.00	266	435423	59.117	ng		97
71) Phenanthrene	11.22	178	2938995	47.357	ng		100
72) Anthracene	11.27	178	2966609	47.592	ng		98
73) Carbazole	11.43	167	2736703	46.041	ng		99
74) Di-n-butylphthalate	11.77	149	3402296	49.682	ng		99
75) Fluoranthene	12.40	202	2992754	44.781	ng		99
77) Benzidine	12.52	184	1353422	40.561	ng		98
78) Pyrene	12.63	202	3079148	51.492	ng		99
80) Butylbenzylphthalate	13.26	149	1576819	62.647	ng		97
81) Benzo(a)anthracene	13.81	228	2804028	58.321	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	1078426	57.820	ng		98
83) Chrysene	13.85	228	2660059	56.439	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	1976561	60.043	ng	#	99
85) Di-n-octyl phthalate	14.43	149	3393877	63.599	ng		100
86) Indeno(1,2,3-cd)pyrene	16.53	276	2670239	64.105	ng		100
88) Benzo(b)fluoranthene	14.82	252	2830804	48.127	ng		100
89) Benzo(k)fluoranthene	14.85	252	2497783	46.228	ng		99
90) Benzo(a)pyrene	15.15	252	2523628	48.750	ng		98
91) Dibenzo(a,h)anthracene	16.55	278	2177379	50.618	ng		100
92) Benzo(g,h,i)perylene	16.93	276	2121219	49.207	ng		99

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

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