Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114639.D
Acq On : 29 May 2019 18:00
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF052919

Quant Time: May 29 19:18:28 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 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	367446	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1479091	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	731102	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1385876	20.00	ng	0.00
76) Chrysene-d12	13.82	240	862505	20.00	ng	0.00
87) Perylene-d12	15.21	264	1078452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1698261	81.15	ng	0.00
7) Phenol-d6	6.33	99	2055060	81.49	ng	0.00
23) Nitrobenzene-d5	7.26	82	1957980	82.59	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	580673	83.36	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3204225	81.71	ng	0.00
79) Terphenyl-d14	12.78	244	3615767	78.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	415586	41.379	ng	99
3) Pyridine	3.03	79	1205280	41.236	ng	99
4) n-Nitrosodimethylamine	2.99	42	478389	40.445	ng	98
6) Aniline	6.36	93	1550221	40.694	ng	100
8) 2-Chlorophenol	6.48	128	1005281	41.593	ng	99
9) Benzaldehyde	6.24	77	598335	43.458	ng	97
10) Phenol	6.34	94	1258406	41.305	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	962655	41.310	ng	99
12) 1,3-Dichlorobenzene	6.63	146	1129102	41.004	ng	97
13) 1,4-Dichlorobenzene	6.72	146	1150250	41.639	ng	100
14) 1,2-Dichlorobenzene	6.87	146	1035504	41.173	ng	99
15) Benzyl Alcohol	6.84	79	824720	41.573	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1465017	40.988	ng	100
17) 2-Methylphenol	6.95	107	833780	40.786	ng	99
18) Hexachloroethane	7.21	117	431250	41.232	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	709126	40.736	ng	99
20) 3+4-Methylphenols	7.11	107	917482	38.160	ng	97
22) Acetophenone	7.11	105	1264955	40.138	ng	99
24) Nitrobenzene	7.28	77	1047049	41.577	ng	92
25) Isophorone	7.52	82	1905475	40.050	ng	99
26) 2-Nitrophenol	7.59	139	516811	42.159	ng	100
27) 2,4-Dimethylphenol	7.64	122	830503	40.736	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	1239909	40.939	ng	100
29) 2,4-Dichlorophenol	7.83	162	845937	40.765	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	970941	41.068	ng	99
31) Naphthalene	8.00	128	2707114	39.735	ng	100
32) Benzoic acid	7.76	122	490298	37.026	ng	99
33) 4-Chloroaniline	8.05	127	1278794	39.397	ng	99
34) Hexachlorobutadiene	8.13	225	540314	41.139	ng	99
35) Caprolactam	8.42	113	282900	40.397	ng	97
36) 4-Chloro-3-methylphenol	8.53	107	845312	40.619	ng	98
37) 2-Methylnaphthalene	8.69	142	1873462	41.387	ng	99
38) 1-Methylnaphthalene	8.79	142	1779968	41.502	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	820709	42.153	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	528751	41.097 ng		100
43) 2,4,6-Trichlorophenol	8.96	196	644111	42.045 ng		100
44) 2,4,5-Trichlorophenol	9.00	196	629737	41.193 ng		99
46) 1,1'-Biphenyl	9.15	154	2159573	39.793 ng		99
47) 2-Chloronaphthalene	9.17	162	1857065	41.715 ng		99
48) 2-Nitroaniline	9.26	65	576520	41.966 ng		97
49) Acenaphthylene	9.59	152	2749903	39.984 ng		99
50) Dimethylphthalate	9.46	163	2120560	41.625 ng		100
51) 2,6-Dinitrotoluene	9.51	165	491573	41.526 ng		96
52) Acenaphthene	9.76	154	1748296	41.451 ng		99
53) 3-Nitroaniline	9.67	138	585727	40.429 ng		99
54) 2,4-Dinitrophenol	9.77	184	201143	43.078 ng		95
55) Dibenzofuran	9.93	168	2389096	39.793 ng		99
56) 4-Nitrophenol	9.83	139	442171	41.184 ng		95
57) 2,4-Dinitrotoluene	9.91	165	649268	42.737 ng	#	86
58) Fluorene	10.27	166	1652592	40.511 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	521386	41.667 ng		99
60) Diethylphthalate	10.15	149	2152919	41.377 ng		100
61) 4-Chlorophenyl-phenylether	10.26	204	844297	41.214 ng		99
62) 4-Nitroaniline	10.29	138	565679	40.069 ng		95
63) Azobenzene	10.42	77	1978385	41.414 ng		99
65) 4,6-Dinitro-2-methylphenol	10.31	198	270413	44.004 ng		99
66) n-Nitrosodiphenylamine	10.38	169	1708863	41.735 ng		99
67) 4-Bromophenyl-phenylether	10.75	248	620447	41.748 ng		98
68) Hexachlorobenzene	10.82	284	670006	41.623 ng		99
69) Atrazine	10.91	200	521840	39.612 ng		98
70) Pentachlorophenol	11.00	266	397897	42.881 ng		99
71) Phenanthrene	11.22	178	2724023	38.532 ng		100
72) Anthracene	11.27	178	2759563	38.568 ng		99
73) Carbazole	11.42	167	2505293	39.840 ng		100
74) Di-n-butylphthalate	11.77	149	3177429	40.910 ng		99
75) Fluoranthene	12.40	202	2805262	38.321 ng		98
77) Benzidine	12.52	184	1445610	40.703 ng		96
78) Pyrene	12.63	202	2828831	38.772 ng		99
80) Butylbenzylphthalate	13.26	149	1465329	39.962 ng		98
81) Benzo(a)anthracene	13.81	228	2665028	40.208 ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	1057698	41.321 ng		99
83) Chrysene	13.85	228	2508610	39.615 ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	1860497	41.042 ng		99
85) Di-n-octyl phthalate	14.43	149	3240460	41.142 ng		100
86) Indeno(1,2,3-cd)pyrene	16.53	276	2665426	42.026 ng		100
88) Benzo(b)fluoranthene	14.82	252	2606662	38.376 ng		100
89) Benzo(k)fluoranthene	14.85	252	2497913	42.310 ng		100
90) Benzo(a)pyrene	15.16	252	2416222	40.492 ng		99
91) Dibenzo(a,h)anthracene	16.56	278	2166044	41.079 ng		99
92) Benzo(g,h,i)perylene	16.93	276	2101614	41.065 ng		99

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

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