Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114634.D
Acq On : 29 May 2019 15:16
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
mohammad
5/30/2019 12:47:40 PM

Quant Time: May 29 17:03:07 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	6.69	152	327773	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1329576	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	667611	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1273851	20.00	ng	0.00
76) Chrysene-d12	13.82	240	787546	20.00	ng	0.00
87) Perylene-d12	15.21	264	937102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1541787	75.70	ng	0.00
7) Phenol-d6	6.33	99	1880778	78.07	ng	0.00
23) Nitrobenzene-d5	7.26	82	1772924	74.83	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	531003	76.93	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2993543	67.83	ng	0.00
79) Terphenyl-d14	12.78	244	3268670	85.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	370538	33.098	ng	100
3) Pyridine	3.04	79	1079295	34.990	ng	100
4) n-Nitrosodimethylamine	2.99	42	438830	29.502	ng	100
6) Aniline	6.36	93	1426989	41.008	ng	100
8) 2-Chlorophenol	6.48	128	905541	41.646	ng	100
9) Benzaldehyde	6.23	77	531002	31.486	ng	100
10) Phenol	6.34	94	1143654	40.357	ng	100
11) bis(2-Chloroethyl)ether	6.43	93	869318	40.407	ng	100
12) 1,3-Dichlorobenzene	6.64	146	1027430	42.095	ng	100
13) 1,4-Dichlorobenzene	6.72	146	1031119	41.924	ng	100
14) 1,2-Dichlorobenzene	6.87	146	953396	42.429	ng	100
15) Benzyl Alcohol	6.84	79	749364	39.884	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1339903	32.121	ng	100
17) 2-Methylphenol	6.95	107	752420	42.125	ng	100
18) Hexachloroethane	7.21	117	391137	42.367	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	642594	42.084	ng	100
20) 3+4-Methylphenols	7.10	107	840631	40.734	ng	100
22) Acetophenone	7.11	105	1165909	39.584	ng	100
24) Nitrobenzene	7.27	77	955657	39.604	ng	100
25) Isophorone	7.52	82	1740871	39.621	ng	100
26) 2-Nitrophenol	7.59	139	453452	38.733	ng	100
27) 2,4-Dimethylphenol	7.63	122	757591	41.203	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	1122326	39.367	ng	100
29) 2,4-Dichlorophenol	7.83	162	770653	42.092	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	881624	42.346	ng	100
31) Naphthalene	8.00	128	2482941	39.979	ng	100
32) Benzoic acid	7.76	122	442324m	36.737	ng	
33) 4-Chloroaniline	8.05	127	1183899	41.832	ng	100
34) Hexachlorobutadiene	8.13	225	491549	41.495	ng	100
35) Caprolactam	8.42	113	253645	42.486	ng	100
36) 4-Chloro-3-methylphenol	8.53	107	768473	41.698	ng	100
37) 2-Methylnaphthalene	8.69	142	1712746	42.743	ng	100
38) 1-Methylnaphthalene	8.79	142	1628563	43.157	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	743736	36.776	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	488070	57.357 ng	100
43) 2,4,6-Trichlorophenol	8.96	196	568049	40.837 ng	100
44) 2,4,5-Trichlorophenol	9.00	196	583806	40.924 ng	100
46) 1,1'-Biphenyl	9.15	154	2004363	37.163 ng	100
47) 2-Chloronaphthalene	9.17	162	1685315	38.827 ng	100
48) 2-Nitroaniline	9.26	65	515593	33.494 ng	100
49) Acenaphthylene	9.59	152	2527004	38.278 ng	100
50) Dimethylphthalate	9.46	163	1916205	39.099 ng	100
51) 2,6-Dinitrotoluene	9.51	165	446152	41.044 ng	100
52) Acenaphthene	9.76	154	1609018	39.718 ng	100
53) 3-Nitroaniline	9.67	138	540802	40.078 ng	100
54) 2,4-Dinitrophenol	9.77	184	175547	40.265 ng	100
55) Dibenzofuran	9.93	168	2223460	37.430 ng	100
56) 4-Nitrophenol	9.83	139	405443	42.488 ng	100
57) 2,4-Dinitrotoluene	9.90	165	576171	39.052 ng	100
58) Fluorene	10.27	166	1534760	33.449 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	482100	39.167 ng	100
60) Diethylphthalate	10.15	149	2006854	40.301 ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	774548	34.370 ng	100
62) 4-Nitroaniline	10.28	138	530092	37.385 ng	100
63) Azobenzene	10.42	77	1810723	37.567 ng	100
65) 4,6-Dinitro-2-methylphenol	10.31	198	233236	38.104 ng	100
66) n-Nitrosodiphenylamine	10.38	169	1577201	40.795 ng	100
67) 4-Bromophenyl-phenylether	10.75	248	576081	41.073 ng	100
68) Hexachlorobenzene	10.82	284	614937	39.632 ng	100
69) Atrazine	10.91	200	490373	40.758 ng	100
70) Pentachlorophenol	11.00	266	358705	48.768 ng	100
71) Phenanthrene	11.22	178	2514581	40.574 ng	100
72) Anthracene	11.27	178	2567330	41.244 ng	100
73) Carbazole	11.42	167	2312747	38.962 ng	100
74) Di-n-butylphthalate	11.77	149	2943183	43.037 ng	100
75) Fluoranthene	12.40	202	2630232	39.411 ng	100
77) Benzidine	12.52	184	1372597	38.827 ng	100
78) Pyrene	12.63	202	2629651	41.507 ng	100
80) Butylbenzylphthalate	13.26	149	1313706	49.265 ng	100
81) Benzo(a)anthracene	13.81	228	2443055	47.961 ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	939865	47.563 ng	100
83) Chrysene	13.84	228	2285493	45.771 ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	1706785	48.938 ng	100
85) Di-n-octyl phthalate	14.43	149	2934665	51.908 ng	100
86) Indeno(1,2,3-cd)pyrene	16.53	276	2262829	51.276 ng	100
88) Benzo(b)fluoranthene	14.82	252	2360140	39.312 ng	100
89) Benzo(k)fluoranthene	14.85	252	2185422	39.627 ng	100
90) Benzo(a)pyrene	15.16	252	2138195	40.468 ng	100
91) Dibenzo(a,h)anthracene	16.55	278	1881325	42.850 ng	100
92) Benzo(g,h,i)perylene	16.93	276	1784798	40.564 ng	100

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

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