Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115083.D
Acq On : 21 Jun 2019 17:44
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF062119

Quant Time: Jun 21 18:12:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	197742	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	815963	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	403968	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	798922	20.00	ng	0.00
76) Chrysene-d12	13.75	240	619643	20.00	ng	0.00
87) Perylene-d12	15.12	264	718406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1057784	82.55	ng	0.00
7) Phenol-d6	6.25	99	1295131	83.27	ng	0.00
23) Nitrobenzene-d5	7.18	82	1111576	83.80	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	368275	86.45	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2049504	86.18	ng	0.00
79) Terphenyl-d14	12.71	244	2279416	78.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	253296	41.884	ng	98
3) Pyridine	2.84	79	689719	40.464	ng	100
4) n-Nitrosodimethylamine	2.79	42	270806	40.527	ng	99
6) Aniline	6.28	93	886542	41.474	ng	100
8) 2-Chlorophenol	6.40	128	601041	41.714	ng	98
9) Benzaldehyde	6.16	77	419155	41.308	ng	97
10) Phenol	6.27	94	753631	41.366	ng	100
11) bis(2-Chloroethyl)ether	6.36	93	556825	41.463	ng	100
12) 1,3-Dichlorobenzene	6.56	146	667948	41.770	ng	99
13) 1,4-Dichlorobenzene	6.64	146	670287	41.801	ng	100
14) 1,2-Dichlorobenzene	6.79	146	627327	42.245	ng	99
15) Benzyl Alcohol	6.77	79	476424	42.067	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	805418	41.350	ng	100
17) 2-Methylphenol	6.88	107	487709	41.007	ng	99
18) Hexachloroethane	7.14	117	240290	41.565	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	407983	40.973	ng	97
20) 3+4-Methylphenols	7.04	107	573806	41.783	ng	97
22) Acetophenone	7.03	105	766845	41.051	ng	99
24) Nitrobenzene	7.20	77	608882	41.667	ng	100
25) Isophorone	7.45	82	1100843	40.513	ng	99
26) 2-Nitrophenol	7.52	139	309024	42.821	ng	98
27) 2,4-Dimethylphenol	7.56	122	490959	41.551	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	713321	41.534	ng	99
29) 2,4-Dichlorophenol	7.76	162	504596	41.382	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	563065	41.805	ng	98
31) Naphthalene	7.92	128	1698933	42.417	ng	100
32) Benzoic acid	7.68	122	321073	38.068	ng	100
33) 4-Chloroaniline	7.97	127	736255	40.221	ng	98
34) Hexachlorobutadiene	8.05	225	311177	42.159	ng	99
35) Caprolactam	8.35	113	167538	40.867	ng	98
36) 4-Chloro-3-methylphenol	8.45	107	506304	41.000	ng	99
37) 2-Methylnaphthalene	8.61	142	1142278	42.297	ng	100
38) 1-Methylnaphthalene	8.71	142	1088179	42.189	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	487517	42.707	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	282528	41.739 ng		99
43) 2,4,6-Trichlorophenol	8.89	196	368767	41.843 ng		100
44) 2,4,5-Trichlorophenol	8.92	196	372258	41.016 ng		99
46) 1,1'-Biphenyl	9.08	154	1320096	40.841 ng		99
47) 2-Chloronaphthalene	9.10	162	1099467	41.934 ng		100
48) 2-Nitroaniline	9.19	65	333232	43.594 ng		100
49) Acenaphthylene	9.51	152	1720175	42.109 ng		100
50) Dimethylphthalate	9.38	163	1258058	42.329 ng		100
51) 2,6-Dinitrotoluene	9.44	165	291633	42.502 ng		99
52) Acenaphthene	9.68	154	1080078	42.253 ng		99
53) 3-Nitroaniline	9.60	138	352585	42.108 ng		100
54) 2,4-Dinitrophenol	9.70	184	132524	41.432 ng		97
55) Dibenzofuran	9.85	168	1499946	40.883 ng		99
56) 4-Nitrophenol	9.75	139	289451	43.118 ng		100
57) 2,4-Dinitrotoluene	9.84	165	384326	43.379 ng		99
58) Fluorene	10.20	166	1068386	43.522 ng		98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	325112	42.720 ng		99
60) Diethylphthalate	10.08	149	1265902	42.373 ng		99
61) 4-Chlorophenyl-phenylether	10.20	204	510407	43.787 ng		98
62) 4-Nitroaniline	10.21	138	354944	42.254 ng		97
63) Azobenzene	10.35	77	1173736	42.062 ng		99
65) 4,6-Dinitro-2-methylphenol	10.24	198	174958	41.865 ng		76
66) n-Nitrosodiphenylamine	10.31	169	1039375	41.758 ng		98
67) 4-Bromophenyl-phenylether	10.68	248	363737	41.993 ng		99
68) Hexachlorobenzene	10.74	284	394385	41.947 ng		99
69) Atrazine	10.84	200	324675	40.550 ng		100
70) Pentachlorophenol	10.93	266	258591	43.172 ng		99
71) Phenanthrene	11.15	178	1734686	40.327 ng		100
72) Anthracene	11.20	178	1761972	40.579 ng		100
73) Carbazole	11.35	167	1625222	41.916 ng		100
74) Di-n-butylphthalate	11.71	149	1927798	43.027 ng		100
75) Fluoranthene	12.33	202	1844353	42.974 ng		97
77) Benzidine	12.45	184	1063703	38.660 ng	#	95
78) Pyrene	12.55	202	1881465	39.510 ng		99
80) Butylbenzylphthalate	13.19	149	860830	40.962 ng		93
81) Benzo(a)anthracene	13.74	228	1805007	40.597 ng		99
82) 3,3'-Dichlorobenzidine	13.71	252	657899	40.976 ng		98
83) Chrysene	13.78	228	1643662	40.357 ng		100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1141650	41.460 ng	#	99
85) Di-n-octyl phthalate	14.38	149	1940210	41.936 ng		100
86) Indeno(1,2,3-cd)pyrene	16.41	276	2044437	42.422 ng		100
88) Benzo(b)fluoranthene	14.75	252	1841371	41.078 ng		99
89) Benzo(k)fluoranthene	14.78	252	1621879	40.346 ng		98
90) Benzo(a)pyrene	15.07	252	1687754	41.773 ng		98
91) Dibenzo(a,h)anthracene	16.42	278	1665983	44.169 ng		99
92) Benzo(g,h,i)perylene	16.79	276	1670394	43.756 ng		99

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

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