Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114304.D
Acq On : 16 May 2019 13:02
Operator : JU/SJ
Sample : PB119768BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119768BS

Manual Integrations APPROVED
mohammad
5/17/2019 3:04:28 PM

Quant Time: May 17 08:16:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	262427	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1043537	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	494017	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	978926	20.00	ng		0.00
76) Chrysene-d12	14.03	240	720955	20.00	ng		0.01
87) Perylene-d12	15.53	264	730892	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1648334	101.08	ng		0.02
7) Phenol-d6	6.50	99	2126293	110.24	ng		0.01
23) Nitrobenzene-d5	7.42	82	1202180	64.65	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	527455	103.27	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	2077531	63.61	ng		0.00
79) Terphenyl-d14	12.96	244	2145354	61.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	276677	30.867	ng		99
3) Pyridine	3.47	79	719147	29.120	ng		96
4) n-Nitrosodimethylamine	3.42	42	359552	30.191	ng		94
6) Aniline	6.52	93	629311	22.588	ng	#	19
8) 2-Chlorophenol	6.65	128	631370	36.267	ng		94
9) Benzaldehyde	6.40	77	265412	19.657	ng		100
10) Phenol	6.52	94	749358	33.028	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	627850	36.450	ng		98
12) 1,3-Dichlorobenzene	6.79	146	661815	33.867	ng		99
13) 1,4-Dichlorobenzene	6.87	146	665736	33.808	ng		97
14) 1,2-Dichlorobenzene	7.02	146	620942	34.515	ng		99
15) Benzyl Alcohol	7.00	79	516252	34.319	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1142871	34.219	ng		65
17) 2-Methylphenol	7.12	107	508546	35.561	ng	#	92
18) Hexachloroethane	7.36	117	251347	34.005	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	434062	35.506	ng		98
20) 3+4-Methylphenols	7.27	107	645162	39.047	ng	#	62
22) Acetophenone	7.26	105	847648	36.667	ng	#	91
24) Nitrobenzene	7.43	77	685327	36.186	ng		97
25) Isophorone	7.67	82	1229360	35.648	ng		98
26) 2-Nitrophenol	7.75	139	350659	38.163	ng		99
27) 2,4-Dimethylphenol	7.79	122	565746	39.203	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	795545	35.554	ng		98
29) 2,4-Dichlorophenol	8.00	162	518159	36.058	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	554006	33.904	ng		99
31) Naphthalene	8.16	128	1776904	36.453	ng		98
32) Benzoic acid	7.93	122	308965	32.655	ng		96
33) 4-Chloroaniline	8.20	127	535653	24.115	ng		99
34) Hexachlorobutadiene	8.27	225	305123	32.817	ng		98
35) Caprolactam	8.57	113	180997m	38.628	ng		
36) 4-Chloro-3-methylphenol	8.70	107	554878	38.361	ng		100
37) 2-Methylnaphthalene	8.85	142	1198428	38.106	ng		97
38) 1-Methylnaphthalene	8.95	142	1117046	37.716	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	528041	35.285	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	329118	48.979 ng	97
43) 2,4,6-Trichlorophenol	9.13	196	345193	33.536 ng	99
44) 2,4,5-Trichlorophenol	9.18	196	372672	35.304 ng	98
46) 1,1'-Biphenyl	9.31	154	1442134	36.135 ng	97
47) 2-Chloronaphthalene	9.34	162	1103128	34.345 ng	96
48) 2-Nitroaniline	9.43	65	387173	33.989 ng	99
49) Acenaphthylene	9.75	152	1755896	35.944 ng	99
50) Dimethylphthalate	9.61	163	1259610	34.733 ng	100
51) 2,6-Dinitrotoluene	9.67	165	286422	35.608 ng	94
52) Acenaphthene	9.92	154	1020951	34.058 ng	99
53) 3-Nitroaniline	9.85	138	236684	23.704 ng	98
54) 2,4-Dinitrophenol	9.96	184	254989	64.473 ng	98
55) Dibenzofuran	10.10	168	1505186	34.242 ng	96
56) 4-Nitrophenol	10.03	139	381456	54.021 ng	98
57) 2,4-Dinitrotoluene	10.09	165	370244	33.913 ng	92
58) Fluorene	10.44	166	1193174	35.142 ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	300105	32.948 ng	100
60) Diethylphthalate	10.31	149	1246842	33.837 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	570699	34.223 ng	97
62) 4-Nitroaniline	10.46	138	336057	32.029 ng	96
63) Azobenzene	10.59	77	1249794	35.041 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	166004	35.291 ng	81
66) n-Nitrosodiphenylamine	10.55	169	1067243	35.921 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	361600	33.549 ng	99
68) Hexachlorobenzene	10.99	284	390413	32.742 ng	99
69) Atrazine	11.07	200	321721	34.796 ng	100
70) Pentachlorophenol	11.19	266	321147	56.816 ng	98
71) Phenanthrene	11.40	178	1684063	35.360 ng	99
72) Anthracene	11.46	178	1776919	37.146 ng	99
73) Carbazole	11.61	167	1688728	37.020 ng	99
74) Di-n-butylphthalate	11.93	149	1934354	36.807 ng	99
75) Fluoranthene	12.59	202	1862022	36.306 ng	98
77) Benzidine	12.71	184	815325	25.193 ng	97
78) Pyrene	12.82	202	1902700	32.807 ng	99
80) Butylbenzylphthalate	13.43	149	878023	35.967 ng	98
81) Benzo(a)anthracene	14.02	228	1651637	35.419 ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	525779	29.065 ng	98
83) Chrysene	14.06	228	1579996	34.564 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1193673	37.387 ng	99
85) Di-n-octyl phthalate	14.63	149	2024271	39.112 ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1562430	38.675 ng	99
88) Benzo(b)fluoranthene	15.10	252	1641675	35.060 ng	99
89) Benzo(k)fluoranthene	15.13	252	1609124	37.410 ng	99
90) Benzo(a)pyrene	15.47	252	1585083	38.464 ng	99
91) Dibenzo(a,h)anthracene	17.03	278	1298578	37.922 ng	99
92) Benzo(g,h,i)perylene	17.47	276	1300166	37.887 ng	98

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

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