Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115648.D
Acq On : 18 Jul 2019 15:32
Operator : HP/JU
Sample : PB121479BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121479BSD

Manual Integrations APPROVED
mohammad
7/19/2019 3:58:22 PM

Quant Time: Jul 18 17:14:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	188292	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	795700	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	410858	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	776727	20.00	ng		0.00
76) Chrysene-d12	14.04	240	461930	20.00	ng		-0.01
87) Perylene-d12	15.50	264	331549	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1217806	105.79	ng		0.02
7) Phenol-d6	6.52	99	1609965	110.22	ng		0.00
23) Nitrobenzene-d5	7.45	82	995604	72.75	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	471017	98.22	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1764970	75.19	ng		-0.01
79) Terphenyl-d14	12.99	244	1828136	73.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	219015	38.142	ng		98
3) Pyridine	3.53	79	456870	29.326	ng		99
4) n-Nitrosodimethylamine	3.47	42	208139	36.828	ng		94
6) Aniline	6.55	93	490804	24.145	ng		99
8) 2-Chlorophenol	6.67	128	500282	37.800	ng		98
9) Benzaldehyde	6.43	77	47946	5.253	ng		97
10) Phenol	6.53	94	631585	37.248	ng		86
11) bis(2-Chloroethyl)ether	6.62	93	484558	37.535	ng		98
12) 1,3-Dichlorobenzene	6.83	146	488929	32.858	ng		99
13) 1,4-Dichlorobenzene	6.90	146	507610	34.190	ng		98
14) 1,2-Dichlorobenzene	7.06	146	477852	35.209	ng		97
15) Benzyl Alcohol	7.03	79	413869	35.718	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	622848	36.647	ng		98
17) 2-Methylphenol	7.14	107	434861	38.127	ng		100
18) Hexachloroethane	7.40	117	190771	34.619	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	354607	37.224	ng		97
20) 3+4-Methylphenols	7.29	107	507606	37.468	ng		93
22) Acetophenone	7.29	105	685586	38.139	ng	#	98
24) Nitrobenzene	7.46	77	539476	36.550	ng		96
25) Isophorone	7.70	82	989790	36.147	ng		98
26) 2-Nitrophenol	7.78	139	290862	38.286	ng		98
27) 2,4-Dimethylphenol	7.82	122	497554	43.772	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	636802	37.908	ng		99
29) 2,4-Dichlorophenol	8.02	162	447431	37.848	ng		100
30) 1,2,4-Trichlorobenzene	8.11	180	474326	35.496	ng		98
31) Naphthalene	8.19	128	1426039	37.005	ng		97
32) Benzoic acid	7.95	122	344942	36.977	ng		98
33) 4-Chloroaniline	8.23	127	384003	22.497	ng		99
34) Hexachlorobutadiene	8.31	225	264763	34.550	ng		98
35) Caprolactam	8.60	113	136686m	37.417	ng		
36) 4-Chloro-3-methylphenol	8.72	107	474706	38.711	ng		99
37) 2-Methylnaphthalene	8.88	142	994884	38.947	ng		98
38) 1-Methylnaphthalene	8.98	142	905948	37.339	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	441457	35.681	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	338606	47.977 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	307111	33.943 ng	100
44) 2,4,5-Trichlorophenol	9.20	196	332284	35.861 ng	98
46) 1,1'-Biphenyl	9.34	154	1165644	36.290 ng	98
47) 2-Chloronaphthalene	9.37	162	908696	33.976 ng	97
48) 2-Nitroaniline	9.46	65	274487	33.159 ng	100
49) Acenaphthylene	9.78	152	1451168	36.618 ng	98
50) Dimethylphthalate	9.64	163	1123536	36.347 ng	99
51) 2,6-Dinitrotoluene	9.70	165	263920	37.569 ng	97
52) Acenaphthene	9.96	154	990460	38.712 ng	99
53) 3-Nitroaniline	9.87	138	194832	24.270 ng	93
54) 2,4-Dinitrophenol	9.97	184	259577	71.971 ng	96
55) Dibenzofuran	10.13	168	1325584	36.483 ng	100
56) 4-Nitrophenol	10.03	139	380125	62.096 ng	98
57) 2,4-Dinitrotoluene	10.10	165	353140	38.802 ng	98
58) Fluorene	10.47	166	934279	35.968 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	296893	38.329 ng	99
60) Diethylphthalate	10.34	149	1087247	37.539 ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	496909	34.497 ng	97
62) 4-Nitroaniline	10.48	138	238459	30.967 ng	97
63) Azobenzene	10.62	77	1094383	38.956 ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	172747	36.402 ng	95
66) n-Nitrosodiphenylamine	10.57	169	868722	35.955 ng	98
67) 4-Bromophenyl-phenylether	10.95	248	300358	33.839 ng	99
68) Hexachlorobenzene	11.02	284	351765	34.703 ng	97
69) Atrazine	11.10	200	266444	33.616 ng	99
70) Pentachlorophenol	11.21	266	413662	66.722 ng	99
71) Phenanthrene	11.43	178	1450289	36.426 ng	98
72) Anthracene	11.48	178	1455701	35.378 ng	99
73) Carbazole	11.63	167	1253165	34.731 ng	99
74) Di-n-butylphthalate	11.96	149	1643558	36.979 ng	100
75) Fluoranthene	12.62	202	1450048	34.465 ng	99
77) Benzidine	12.73	184	253759	15.507 ng	100
78) Pyrene	12.85	202	1454212	37.158 ng	98
80) Butylbenzylphthalate	13.46	149	651223	39.034 ng	97
81) Benzo(a)anthracene	14.03	228	1103818	36.272 ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	335622	31.023 ng	98
83) Chrysene	14.07	228	1107234	36.244 ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	853957	41.322 ng	99
85) Di-n-octyl phthalate	14.62	149	1358589	41.318 ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	983997	37.913 ng	99
88) Benzo(b)fluoranthene	15.07	252	1038576	48.647 ng	100
89) Benzo(k)fluoranthene	15.11	252	943210	49.554 ng	97
90) Benzo(a)pyrene	15.44	252	896197	48.841 ng	100
91) Dibenzo(a,h)anthracene	16.99	278	825149	51.223 ng	99
92) Benzo(g,h,i)perylene	17.42	276	771714	48.035 ng	98

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

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