Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115560.D
Acq On : 15 Jul 2019 16:59
Operator : HP/JU
Sample : PB121224BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121224BS

Quant Time: Jul 16 03:29:16 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	6.88	152	172091	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	694426	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	347523	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	640952	20.00	ng		0.00
76) Chrysene-d12	14.04	240	437310	20.00	ng		-0.01
87) Perylene-d12	15.50	264	389252	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1359421	129.21	ng		0.01
7) Phenol-d6	6.52	99	1731429	129.70	ng		0.00
23) Nitrobenzene-d5	7.45	82	1102241	92.29	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	524491	129.30	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	2053886	103.44	ng		-0.01
79) Terphenyl-d14	12.99	244	2126838	89.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	225139	42.900	ng		99
3) Pyridine	3.53	79	585375	41.112	ng		100
4) n-Nitrosodimethylamine	3.48	42	227020	43.950	ng		96
6) Aniline	6.55	93	636737	34.274	ng		98
8) 2-Chlorophenol	6.67	128	551801	45.618	ng		94
9) Benzaldehyde	6.43	77	396176	47.490	ng		100
10) Phenol	6.53	94	684606	44.176	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	522321	44.269	ng		99
12) 1,3-Dichlorobenzene	6.83	146	595900	43.817	ng		99
13) 1,4-Dichlorobenzene	6.90	146	608376	44.835	ng		98
14) 1,2-Dichlorobenzene	7.06	146	562261	45.329	ng		95
15) Benzyl Alcohol	7.02	79	502112	47.413	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	687903	44.285	ng		98
17) 2-Methylphenol	7.13	107	479884	46.035	ng		99
18) Hexachloroethane	7.40	117	221580	43.995	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	381564	43.825	ng		99
20) 3+4-Methylphenols	7.28	107	563031	45.472	ng		94
22) Acetophenone	7.29	105	758656	48.359	ng	#	91
24) Nitrobenzene	7.46	77	610848	47.422	ng		99
25) Isophorone	7.70	82	1122531	46.973	ng		100
26) 2-Nitrophenol	7.77	139	319743	48.225	ng		98
27) 2,4-Dimethylphenol	7.82	122	535283	53.958	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	683407	46.615	ng		98
29) 2,4-Dichlorophenol	8.02	162	500158	48.478	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	546759	46.883	ng		99
31) Naphthalene	8.19	128	1640934	48.792	ng		97
32) Benzoic acid	7.95	122	377599	46.381	ng		99
33) 4-Chloroaniline	8.23	127	420349	28.217	ng		98
34) Hexachlorobutadiene	8.31	225	304531	45.536	ng		99
35) Caprolactam	8.60	113	159951m	50.171	ng		
36) 4-Chloro-3-methylphenol	8.71	107	523981	48.961	ng		98
37) 2-Methylnaphthalene	8.88	142	1109700	49.778	ng		97
38) 1-Methylnaphthalene	8.97	142	1036473	48.948	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	498838	47.667	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	499250	83.630 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	373443	48.796 ng	98
44) 2,4,5-Trichlorophenol	9.19	196	370755	47.305 ng	98
46) 1,1'-Biphenyl	9.34	154	1337429	49.226 ng	97
47) 2-Chloronaphthalene	9.37	162	1052039	46.504 ng	97
48) 2-Nitroaniline	9.46	65	317739	45.379 ng	98
49) Acenaphthylene	9.78	152	1613491	48.134 ng	97
50) Dimethylphthalate	9.65	163	1213612	46.416 ng	99
51) 2,6-Dinitrotoluene	9.70	165	280531	47.212 ng	99
52) Acenaphthene	9.96	154	1131385	52.278 ng	99
53) 3-Nitroaniline	9.87	138	198379	29.215 ng	94
54) 2,4-Dinitrophenol	9.97	184	308987	101.283 ng	99
55) Dibenzofuran	10.13	168	1464761	47.660 ng	99
56) 4-Nitrophenol	10.03	139	512362	98.952 ng	99
57) 2,4-Dinitrotoluene	10.10	165	381993	49.621 ng	96
58) Fluorene	10.47	166	1011937	46.058 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	320742	48.955 ng	99
60) Diethylphthalate	10.35	149	1158694	47.297 ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	523257	42.946 ng	94
62) 4-Nitroaniline	10.49	138	289435	44.438 ng	98
63) Azobenzene	10.62	77	1085745	45.692 ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	196613	50.208 ng	93
66) n-Nitrosodiphenylamine	10.58	169	945228	47.409 ng	98
67) 4-Bromophenyl-phenylether	10.95	248	339543	46.357 ng	96
68) Hexachlorobenzene	11.02	284	384788	46.002 ng	97
69) Atrazine	11.10	200	307262	46.977 ng	100
70) Pentachlorophenol	11.21	266	457503	89.426 ng	99
71) Phenanthrene	11.43	178	1545086	47.028 ng	98
72) Anthracene	11.48	178	1608979	47.387 ng	99
73) Carbazole	11.63	167	1388926	46.647 ng	100
74) Di-n-butylphthalate	11.96	149	1675551	45.685 ng	99
75) Fluoranthene	12.62	202	1601704	46.134 ng	98
77) Benzidine	12.73	184	878689	56.720 ng	99
78) Pyrene	12.84	202	1707706	46.091 ng	98
80) Butylbenzylphthalate	13.46	149	722973	45.774 ng	96
81) Benzo(a)anthracene	14.03	228	1322846	45.916 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	385806	37.670 ng	99
83) Chrysene	14.07	228	1335777	46.187 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	896322	45.814 ng	99
85) Di-n-octyl phthalate	14.63	149	1530475	49.166 ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1098104	44.691 ng	100
88) Benzo(b)fluoranthene	15.08	252	1212551	48.377 ng	100
89) Benzo(k)fluoranthene	15.11	252	1207838	54.050 ng	99
90) Benzo(a)pyrene	15.45	252	1077249	50.005 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	923753	48.844 ng	99
92) Benzo(g,h,i)perylene	17.43	276	865793	45.902 ng	99

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

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