Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115559.D
Acq On : 15 Jul 2019 16:32
Operator : HP/JU
Sample : PB121170BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121170BS

Quant Time: Jul 16 03:27:04 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	173339	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	687577	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	328352	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	643394	20.00	ng		0.00
76) Chrysene-d12	14.04	240	449468	20.00	ng		0.00
87) Perylene-d12	15.50	264	402432	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1368878	129.17	ng		0.01
7) Phenol-d6	6.52	99	1710479	127.21	ng		0.00
23) Nitrobenzene-d5	7.45	82	1112206	94.06	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	549837	143.46	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	2044539	108.98	ng		-0.01
79) Terphenyl-d14	12.99	244	2146013	88.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	222954	42.178	ng		99
3) Pyridine	3.53	79	582405	40.609	ng		99
4) n-Nitrosodimethylamine	3.48	42	222770	42.817	ng		99
6) Aniline	6.55	93	627823	33.550	ng		98
8) 2-Chlorophenol	6.67	128	553735	45.448	ng		100
9) Benzaldehyde	6.43	77	396732	47.214	ng		100
10) Phenol	6.53	94	675159	43.253	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	516809	43.486	ng		99
12) 1,3-Dichlorobenzene	6.83	146	597640	43.628	ng		98
13) 1,4-Dichlorobenzene	6.90	146	604968	44.263	ng		98
14) 1,2-Dichlorobenzene	7.05	146	559922	44.815	ng		98
15) Benzyl Alcohol	7.02	79	494472	46.356	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	687877	43.964	ng		98
17) 2-Methylphenol	7.13	107	483251	46.025	ng		99
18) Hexachloroethane	7.40	117	220578	43.481	ng		100
19) n-Nitroso-di-n-propylamine	7.30	70	379787	43.307	ng		99
20) 3+4-Methylphenols	7.29	107	564708	45.279	ng		95
22) Acetophenone	7.29	105	752785	48.462	ng	#	91
24) Nitrobenzene	7.46	77	606326	47.540	ng		99
25) Isophorone	7.70	82	1106446	46.761	ng		99
26) 2-Nitrophenol	7.77	139	318354	48.494	ng		99
27) 2,4-Dimethylphenol	7.82	122	534058	54.371	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	682846	47.041	ng		99
29) 2,4-Dichlorophenol	8.02	162	498145	48.764	ng		100
30) 1,2,4-Trichlorobenzene	8.10	180	537458	46.545	ng		97
31) Naphthalene	8.19	128	1629835	48.945	ng		97
32) Benzoic acid	7.95	122	375249	46.551	ng		97
33) 4-Chloroaniline	8.23	127	412676	27.978	ng		98
34) Hexachlorobutadiene	8.31	225	303847	45.886	ng		98
35) Caprolactam	8.60	113	157844m	50.003	ng		
36) 4-Chloro-3-methylphenol	8.71	107	515574	48.655	ng		99
37) 2-Methylnaphthalene	8.88	142	1097268	49.710	ng		97
38) 1-Methylnaphthalene	8.97	142	1032303	49.237	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	491584	49.716	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	493465	87.487 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	364183	50.365 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	375923	50.765 ng	99
46) 1,1'-Biphenyl	9.34	154	1277249	49.756 ng	98
47) 2-Chloronaphthalene	9.37	162	1002310	46.893 ng	98
48) 2-Nitroaniline	9.46	65	301351	45.551 ng	99
49) Acenaphthylene	9.78	152	1528562	48.263 ng	98
50) Dimethylphthalate	9.65	163	1168304	47.292 ng	98
51) 2,6-Dinitrotoluene	9.70	165	274424	48.880 ng	99
52) Acenaphthene	9.96	154	1069652	52.312 ng	99
53) 3-Nitroaniline	9.86	138	191327	29.822 ng	95
54) 2,4-Dinitrophenol	9.97	184	295035	102.356 ng	99
55) Dibenzofuran	10.13	168	1437790	49.514 ng	100
56) 4-Nitrophenol	10.03	139	488278	99.806 ng	100
57) 2,4-Dinitrotoluene	10.10	165	378850	52.087 ng	97
58) Fluorene	10.47	166	1048830	50.524 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	325846	52.638 ng	99
60) Diethylphthalate	10.35	149	1167062	50.420 ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	544714	47.317 ng	95
62) 4-Nitroaniline	10.49	138	299276	48.631 ng	98
63) Azobenzene	10.62	77	1130387	50.348 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	205763	52.345 ng	92
66) n-Nitrosodiphenylamine	10.58	169	982666	49.100 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	352169	47.898 ng	95
68) Hexachlorobenzene	11.02	284	393166	46.825 ng	97
69) Atrazine	11.10	200	303424	46.214 ng	99
70) Pentachlorophenol	11.21	266	460971	89.762 ng	99
71) Phenanthrene	11.43	178	1544544	46.833 ng	98
72) Anthracene	11.48	178	1591785	46.703 ng	99
73) Carbazole	11.63	167	1401187	46.880 ng	100
74) Di-n-butylphthalate	11.96	149	1679380	45.616 ng	99
75) Fluoranthene	12.62	202	1609924	46.195 ng	97
77) Benzidine	12.73	184	849564	53.356 ng	100
78) Pyrene	12.85	202	1617729	42.482 ng	98
80) Butylbenzylphthalate	13.46	149	733701	45.197 ng	97
81) Benzo(a)anthracene	14.03	228	1340042	45.255 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	389978	37.047 ng	97
83) Chrysene	14.07	228	1380417	46.439 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	911438	45.327 ng	100
85) Di-n-octyl phthalate	14.63	149	1485340	46.426 ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1114969	44.150 ng	100
88) Benzo(b)fluoranthene	15.08	252	1196170	46.160 ng	99
89) Benzo(k)fluoranthene	15.11	252	1188663	51.450 ng	99
90) Benzo(a)pyrene	15.44	252	1122328	50.391 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	934015	47.769 ng	99
92) Benzo(g,h,i)perylene	17.43	276	882804	45.271 ng	98

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

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