Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115554.D
Acq On : 15 Jul 2019 9:54
Operator : HP/JU
Sample : PB121170BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121170BS

Quant Time: Jul 16 03:06:30 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	275358	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1060618	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	520845	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	978669	20.00	ng	0.00
76) Chrysene-d12	14.05	240	607649	20.00	ng	0.00
87) Perylene-d12	15.51	264	516490	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2073085	123.15	ng	0.02
7) Phenol-d6	6.53	99	2589828	121.24	ng	0.01
23) Nitrobenzene-d5	7.45	82	1686042	92.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	813245	133.77	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2877164	96.69	ng	0.00
79) Terphenyl-d14	12.99	244	2803656	85.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.83	88	227521	27.095	ng	98
3) Pyridine	3.57	79	575196	25.247	ng	99
4) n-Nitrosodimethylamine	3.51	42	224011	27.104	ng	95
6) Aniline	6.55	93	606060	20.388	ng	98
8) 2-Chlorophenol	6.67	128	531967	27.485	ng	99
9) Benzaldehyde	6.43	77	377794	28.303	ng	96
10) Phenol	6.54	94	649996	26.213	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	520160	27.552	ng	100
12) 1,3-Dichlorobenzene	6.83	146	602012	27.665	ng	100
13) 1,4-Dichlorobenzene	6.90	146	611949	28.185	ng	96
14) 1,2-Dichlorobenzene	7.06	146	545457	27.482	ng	97
15) Benzyl Alcohol	7.02	79	502631	29.663	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	684727	27.549	ng	97
17) 2-Methylphenol	7.13	107	488204	29.270	ng	100
18) Hexachloroethane	7.40	117	221391	27.472	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	389446	27.955	ng	98
20) 3+4-Methylphenols	7.29	107	570039	28.772	ng	95
22) Acetophenone	7.29	105	770295	32.148	ng	97
24) Nitrobenzene	7.46	77	601214	30.559	ng	95
25) Isophorone	7.70	82	1096260	30.035	ng	100
26) 2-Nitrophenol	7.78	139	312573	30.867	ng	96
27) 2,4-Dimethylphenol	7.82	122	532818	35.166	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	679825	30.361	ng	99
29) 2,4-Dichlorophenol	8.02	162	492811	31.274	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	542629	30.464	ng	97
31) Naphthalene	8.19	128	1603605	31.219	ng	98
32) Benzoic acid	7.95	122	378786	30.463	ng	98
33) 4-Chloroaniline	8.23	127	389098	17.101	ng	99
34) Hexachlorobutadiene	8.31	225	305478	29.907	ng	98
35) Caprolactam	8.61	113	159257m	32.706	ng	
36) 4-Chloro-3-methylphenol	8.72	107	508148	31.088	ng	98
37) 2-Methylnaphthalene	8.88	142	1090740	32.035	ng	98
38) 1-Methylnaphthalene	8.98	142	1016500	31.431	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	492099	31.375	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	520940	58.225	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	368064	32.089	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	360630	30.701	ng		99
46) 1,1'-Biphenyl	9.35	154	1314199	32.275	ng		98
47) 2-Chloronaphthalene	9.37	162	1042932	30.761	ng		98
48) 2-Nitroaniline	9.46	65	307643	29.316	ng		99
49) Acenaphthylene	9.79	152	1569389	31.239	ng		98
50) Dimethylphthalate	9.65	163	1189745	30.361	ng		100
51) 2,6-Dinitrotoluene	9.70	165	277232	31.131	ng		90
52) Acenaphthene	9.96	154	1095750	33.783	ng		99
53) 3-Nitroaniline	9.87	138	202287	19.877	ng		97
54) 2,4-Dinitrophenol	9.98	184	272798	59.664	ng	#	90
55) Dibenzofuran	10.13	168	1398314	30.358	ng		99
56) 4-Nitrophenol	10.03	139	440540	56.768	ng		100
57) 2,4-Dinitrotoluene	10.11	165	364868	31.625	ng	#	86
58) Fluorene	10.47	166	1041366	31.625	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307299	31.295	ng		99
60) Diethylphthalate	10.35	149	1131891	30.828	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	532548	29.164	ng		98
62) 4-Nitroaniline	10.49	138	284556	29.150	ng		97
63) Azobenzene	10.62	77	1098460	30.844	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	184500	30.856	ng		97
66) n-Nitrosodiphenylamine	10.58	169	966951	31.763	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	343168	30.684	ng		97
68) Hexachlorobenzene	11.02	284	381581	29.876	ng		93
69) Atrazine	11.10	200	315403	31.581	ng		98
70) Pentachlorophenol	11.22	266	452764	57.960	ng		99
71) Phenanthrene	11.43	178	1533619	30.571	ng		98
72) Anthracene	11.49	178	1569082	30.265	ng		99
73) Carbazole	11.63	167	1375560	30.256	ng		100
74) Di-n-butylphthalate	11.96	149	1664481	29.722	ng		99
75) Fluoranthene	12.62	202	1592804	30.046	ng		98
77) Benzidine	12.73	184	521411	24.222	ng		100
78) Pyrene	12.85	202	1587712	30.840	ng		98
80) Butylbenzylphthalate	13.46	149	677627	30.876	ng		98
81) Benzo(a)anthracene	14.03	228	1213105	30.303	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	358487	25.190	ng		99
83) Chrysene	14.07	228	1243517	30.944	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	861710	31.698	ng		99
85) Di-n-octyl phthalate	14.63	149	1409664	32.591	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	954070	27.944	ng		100
88) Benzo(b)fluoranthene	15.08	252	1043740	31.383	ng		99
89) Benzo(k)fluoranthene	15.11	252	1057824	35.676	ng		99
90) Benzo(a)pyrene	15.45	252	951152	33.275	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	805748	32.108	ng		98
92) Benzo(g,h,i)perylene	17.43	276	775346	30.980	ng		98

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

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