Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115558.D
Acq On : 15 Jul 2019 16:05
Operator : HP/JU
Sample : PB121261BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121261BS

Quant Time: Jul 16 03:22:33 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	172823	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	684926	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	344300	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	660905	20.00	ng	0.00
76) Chrysene-d12	14.04	240	418560	20.00	ng	-0.01
87) Perylene-d12	15.50	264	396002	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1348227	127.61	ng	0.01
7) Phenol-d6	6.52	99	1700916	126.87	ng	0.00
23) Nitrobenzene-d5	7.45	82	1099361	93.33	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	546299	135.94	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2064031	104.93	ng	-0.01
79) Terphenyl-d14	12.99	244	2068778	91.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.79	88	219785	41.702	ng	99
3) Pyridine	3.53	79	580062	40.567	ng	99
4) n-Nitrosodimethylamine	3.48	42	222951	42.980	ng	98
6) Aniline	6.55	93	627926	33.656	ng	98
8) 2-Chlorophenol	6.67	128	545333	44.892	ng	99
9) Benzaldehyde	6.43	77	388789	46.407	ng	99
10) Phenol	6.53	94	672701	43.224	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	517220	43.651	ng	100
12) 1,3-Dichlorobenzene	6.83	146	593592	43.462	ng	98
13) 1,4-Dichlorobenzene	6.90	146	603306	44.273	ng	98
14) 1,2-Dichlorobenzene	7.06	146	556480	44.672	ng	96
15) Benzyl Alcohol	7.02	79	489906	46.065	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	687784	44.089	ng	98
17) 2-Methylphenol	7.13	107	475800	45.450	ng	99
18) Hexachloroethane	7.40	117	222444	43.979	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	381946	43.683	ng	99
20) 3+4-Methylphenols	7.29	107	557164	44.807	ng	92
22) Acetophenone	7.29	105	741660	47.931	ng	100
24) Nitrobenzene	7.46	77	603585	47.508	ng	99
25) Isophorone	7.70	82	1108174	47.015	ng	99
26) 2-Nitrophenol	7.77	139	320669	49.036	ng	99
27) 2,4-Dimethylphenol	7.82	122	530933	54.262	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	686330	47.464	ng	99
29) 2,4-Dichlorophenol	8.02	162	499480	49.084	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	541708	47.094	ng	99
31) Naphthalene	8.19	128	1625947	49.017	ng	97
32) Benzoic acid	7.95	122	374314	46.615	ng	97
33) 4-Chloroaniline	8.23	127	428806	29.184	ng	98
34) Hexachlorobutadiene	8.31	225	303548	46.018	ng	99
35) Caprolactam	8.60	113	158803m	50.502	ng	
36) 4-Chloro-3-methylphenol	8.71	107	513729	48.669	ng	99
37) 2-Methylnaphthalene	8.88	142	1101457	50.093	ng	97
38) 1-Methylnaphthalene	8.97	142	1025547	49.104	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	491578	47.413	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	495562	83.790	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	366995	48.403	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	370535	47.719	ng		98
46) 1,1'-Biphenyl	9.34	154	1307864	48.589	ng		98
47) 2-Chloronaphthalene	9.37	162	1050621	46.876	ng		97
48) 2-Nitroaniline	9.46	65	311907	44.963	ng		96
49) Acenaphthylene	9.78	152	1595354	48.039	ng		98
50) Dimethylphthalate	9.65	163	1218214	47.028	ng		98
51) 2,6-Dinitrotoluene	9.70	165	286250	48.625	ng		99
52) Acenaphthene	9.96	154	1109458	51.745	ng		99
53) 3-Nitroaniline	9.87	138	217355	32.310	ng		92
54) 2,4-Dinitrophenol	9.97	184	308471	102.061	ng		98
55) Dibenzofuran	10.13	168	1427886	46.895	ng		100
56) 4-Nitrophenol	10.03	139	514214	100.239	ng		97
57) 2,4-Dinitrotoluene	10.10	165	374407	49.091	ng		97
58) Fluorene	10.47	166	1057005	48.559	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	313211	48.253	ng		99
60) Diethylphthalate	10.35	149	1162060	47.879	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	541496	44.859	ng		94
62) 4-Nitroaniline	10.49	138	300710	46.601	ng		99
63) Azobenzene	10.62	77	1134925	48.209	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	205002	50.769	ng		92
66) n-Nitrosodiphenylamine	10.58	169	982333	47.783	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	351115	46.489	ng		96
68) Hexachlorobenzene	11.02	284	392901	45.554	ng		97
69) Atrazine	11.10	200	313773	46.524	ng		99
70) Pentachlorophenol	11.21	266	474790	90.003	ng		99
71) Phenanthrene	11.43	178	1590633	46.953	ng		98
72) Anthracene	11.48	178	1656695	47.319	ng		99
73) Carbazole	11.63	167	1455334	47.402	ng		99
74) Di-n-butylphthalate	11.96	149	1680509	44.437	ng		99
75) Fluoranthene	12.62	202	1605485	44.847	ng		98
77) Benzidine	12.73	184	830511	56.011	ng		99
78) Pyrene	12.84	202	1604207	45.237	ng		98
80) Butylbenzylphthalate	13.46	149	688104	45.518	ng		96
81) Benzo(a)anthracene	14.03	228	1277340	46.323	ng		96
82) 3,3'-Dichlorobenzidine	13.99	252	378476	38.609	ng	#	97
83) Chrysene	14.07	228	1291270	46.648	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	857876	45.813	ng		99
85) Di-n-octyl phthalate	14.63	149	1545246	51.864	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1082673	46.037	ng		100
88) Benzo(b)fluoranthene	15.08	252	1208370	47.388	ng		99
89) Benzo(k)fluoranthene	15.11	252	1206948	53.090	ng		98
90) Benzo(a)pyrene	15.45	252	1092080	49.829	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	915464	47.580	ng		98
92) Benzo(g,h,i)perylene	17.43	276	863918	45.022	ng		99

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

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