Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108543.D
Acq On : 28 Aug 2018 6:51
Operator : JU/SJ
Sample : PB112391BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112391BSD

Manual Integrations APPROVED
Sohil
8/28/2018 12:16:50 PM

Quant Time: Aug 28 08:46:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	117044	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	416652	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	191359	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	329594	20.00	ng		0.00
75) Chrysene-d12	14.19	240	254758	20.00	ng		0.00
86) Perylene-d12	15.75	264	205361	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	637927	98.68	ng		0.00
7) Phenol-d6	6.63	99	853513	99.35	ng		0.00
23) Nitrobenzene-d5	7.57	82	826832	110.74	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	198776	104.14	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1492266	125.20	ng		0.00
78) Terphenyl-d14	13.12	244	1205688	120.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	130334	39.235	ng		90
3) Pyridine	3.72	79	377825	44.153	ng		86
4) n-Nitrosodimethylamine	3.69	42	214817	44.613	ng		81
6) Aniline	6.67	93	357468	30.590	ng		97
8) 2-Chlorophenol	6.79	128	378280	51.953	ng		95
9) Benzaldehyde	6.55	77	205723	30.886	ng		96
10) Phenol	6.64	94	466753	52.524	ng		90
11) bis(2-Chloroethyl)ether	6.73	93	363674	50.621	ng		91
12) 1,3-Dichlorobenzene	6.94	146	421651	50.083	ng		98
13) 1,4-Dichlorobenzene	7.02	146	428741	50.686	ng		98
14) 1,2-Dichlorobenzene	7.17	146	396880	50.442	ng		99
15) Benzyl Alcohol	7.14	79	347993	48.117	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	692549	46.793	ng		99
17) 2-Methylphenol	7.25	107	316356	50.665	ng		93
18) Hexachloroethane	7.51	117	136034	45.172	ng	#	88
19) n-Nitroso-di-n-propylamine	7.41	70	285145	49.083	ng		92
20) 3+4-Methylphenols	7.40	107	383787	47.964	ng	#	75
22) Acetophenone	7.41	105	533560	54.767	ng	#	88
24) Nitrobenzene	7.59	77	417667	55.317	ng		97
25) Isophorone	7.82	82	757406	53.219	ng		97
26) 2-Nitrophenol	7.90	139	169646	59.496	ng		92
27) 2,4-Dimethylphenol	7.93	122	343275	54.346	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	456929	54.997	ng		99
29) 2,4-Dichlorophenol	8.14	162	322401	55.464	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	353397	55.142	ng		98
31) Naphthalene	8.31	128	1061272	56.008	ng		99
32) Benzoic acid	8.05	122	103450	30.685	ng		87
33) 4-Chloroaniline	8.35	127	96839	11.727	ng		96
34) Hexachlorobutadiene	8.41	225	232334	57.265	ng		99
35) Caprolactam	8.74	113	94837m	52.062	ng		
36) 4-Chloro-3-methylphenol	8.84	107	333917	53.249	ng		97
37) 2-Methylnaphthalene	9.00	142	717599	53.527	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	362620	61.707	ng		97
40) Hexachlorocyclopentadiene	9.14	237	127881	33.691	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	222126	60.913 ng		100
43) 2,4,5-Trichlorophenol	9.32	196	235926	58.772 ng	#	97
45) 1,1'-Biphenyl	9.46	154	865172	61.321 ng		99
46) 2-Chloronaphthalene	9.50	162	650739	58.356 ng		97
47) 2-Nitroaniline	9.59	65	214519	59.455 ng		91
48) Acenaphthylene	9.91	152	1014557	57.550 ng		99
49) Dimethylphthalate	9.76	163	808522	60.656 ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	162772	58.365 ng		98
51) Acenaphthene	10.08	154	584984	54.176 ng		98
52) 3-Nitroaniline	10.00	138	94370	30.927 ng		97
53) 2,4-Dinitrophenol	10.11	184	39308	41.378 ng	#	23
54) Dibenzofuran	10.25	168	877660	56.104 ng		98
55) 4-Nitrophenol	10.16	139	201707	87.295 ng	#	79
56) 2,4-Dinitrotoluene	10.24	165	203191	56.603 ng	#	98
57) Fluorene	10.60	166	673092	54.353 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	181410	54.068 ng	#	85
59) Diethylphthalate	10.46	149	760454	58.915 ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	362677	56.204 ng		94
61) 4-Nitroaniline	10.62	138	139393	46.206 ng		95
62) Azobenzene	10.75	77	709814	53.249 ng		92
64) 4,6-Dinitro-2-methylphenol	10.64	198	34000	29.768 ng		93
65) n-Nitrosodiphenylamine	10.71	169	614520	63.094 ng		96
66) 4-Bromophenyl-phenylether	11.08	248	223461	62.388 ng	#	86
67) Hexachlorobenzene	11.15	284	222315	58.991 ng	#	88
68) Atrazine	11.22	200	203518	62.299 ng		98
69) Pentachlorophenol	11.34	266	190572	105.649 ng		97
70) Phenanthrene	11.57	178	894923	57.567 ng		99
71) Anthracene	11.62	178	924105	57.998 ng		100
72) Carbazole	11.77	167	784377	55.408 ng		100
73) Di-n-butylphthalate	12.08	149	1071530	66.826 ng		99
74) Fluoranthene	12.76	202	925701	54.561 ng		96
76) Benzidine	12.88	184	514959	54.102 ng		98
77) Pyrene	12.99	202	923387	57.251 ng		99
79) Butylbenzylphthalate	13.59	149	394563	61.607 ng		94
80) Benzo(a)anthracene	14.18	228	841734	57.572 ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	275111	52.506 ng	#	96
82) Chrysene	14.22	228	787540	58.754 ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	536766	61.890 ng		99
84) Di-n-octyl phthalate	14.77	149	919413	69.511 ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	614800	52.936 ng	#	90
87) Benzo(b)fluoranthene	15.28	252	696477m	56.757 ng		
88) Benzo(k)fluoranthene	15.31	252	693678	61.495 ng	#	96
89) Benzo(a)pyrene	15.68	252	630303	57.360 ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	529435	58.231 ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	497565	55.577 ng	#	90

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

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