Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108904.D
Acq On : 10 Sep 2018 20:17
Operator : JU/SJ
Sample : J4836-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMSD

Manual Integrations APPROVED
Sohil
9/11/2018 9:34:14 AM

Quant Time: Sep 11 03:52:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	192209	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	679304	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	273050	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	439046	20.00	ng		0.00
75) Chrysene-d12	13.88	240	398967	20.00	ng		0.01
86) Perylene-d12	15.29	264	324810	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1356025	116.88	ng		0.02
7) Phenol-d6	6.38	99	1712792	114.74	ng		0.02
23) Nitrobenzene-d5	7.31	82	1067637	98.36	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	313716	120.35	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1610310	100.61	ng		0.00
78) Terphenyl-d14	12.83	244	1355275	79.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	182306	32.696	ng		93
3) Pyridine	3.19	79	532895	34.898	ng		90
4) n-Nitrosodimethylamine	3.12	42	234364	39.960	ng	#	92
6) Aniline	6.40	93	564349	28.108	ng	#	83
8) 2-Chlorophenol	6.53	128	467274	36.386	ng		96
9) Benzaldehyde	6.28	77	246069	23.235	ng		98
10) Phenol	6.40	94	584028	34.158	ng		80
11) bis(2-Chloroethyl)ether	6.48	93	481645	35.165	ng		98
12) 1,3-Dichlorobenzene	6.68	146	518841	35.404	ng		99
13) 1,4-Dichlorobenzene	6.76	146	522512	35.653	ng		98
14) 1,2-Dichlorobenzene	6.91	146	484606	35.875	ng		99
15) Benzyl Alcohol	6.88	79	419586	36.625	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	715010	34.922	ng		97
17) 2-Methylphenol	7.00	107	386695	35.631	ng		97
18) Hexachloroethane	7.25	117	153761	29.098	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	340380	32.803	ng		96
20) 3+4-Methylphenols	7.15	107	453760	35.692	ng	#	66
22) Acetophenone	7.15	105	620431	40.244	ng	#	91
24) Nitrobenzene	7.32	77	494681	42.474	ng		97
25) Isophorone	7.57	82	906109	41.849	ng		98
26) 2-Nitrophenol	7.64	139	185904	40.515	ng		97
27) 2,4-Dimethylphenol	7.68	122	412555	44.276	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	587734	40.600	ng		99
29) 2,4-Dichlorophenol	7.88	162	372652	38.786	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	388568	37.317	ng		98
31) Naphthalene	8.05	128	1266825	41.451	ng		100
32) Benzoic acid	7.75	122	59813m	13.955	ng		
33) 4-Chloroaniline	8.09	127	371257	26.450	ng		99
34) Hexachlorobutadiene	8.17	225	234462	37.693	ng		99
35) Caprolactam	8.45	113	118581m	36.422	ng		
36) 4-Chloro-3-methylphenol	8.58	107	370107	36.160	ng		99
37) 2-Methylnaphthalene	8.74	142	809438	40.090	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	363298	44.510	ng		98
40) Hexachlorocyclopentadiene	8.90	237	55754	13.578	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	237021	42.633	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	246019	42.691	ng		94
45) 1,1'-Biphenyl	9.20	154	917146	43.630	ng		98
46) 2-Chloronaphthalene	9.22	162	697921	41.052	ng		97
47) 2-Nitroaniline	9.31	65	230637	49.659	ng		98
48) Acenaphthylene	9.64	152	1084327	42.789	ng		100
49) Dimethylphthalate	9.50	163	1201710	62.923	ng	#	99
50) 2,6-Dinitrotoluene	9.55	165	160886	44.210	ng		96
51) Acenaphthene	9.81	154	615113	39.225	ng		98
52) 3-Nitroaniline	9.72	138	194590	44.920	ng		94
53) 2,4-Dinitrophenol	9.82	184	6407	13.535	ng	#	22
54) Dibenzofuran	9.98	168	893517	39.089	ng		99
55) 4-Nitrophenol	9.88	139	243487	75.186	ng		99
56) 2,4-Dinitrotoluene	9.95	165	184801	39.709	ng	#	95
57) Fluorene	10.32	166	630831	43.004	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	177397	38.172	ng	#	87
59) Diethylphthalate	10.20	149	807401	40.967	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	318238	40.621	ng		94
61) 4-Nitroaniline	10.32	138	170614	43.476	ng		98
62) Azobenzene	10.47	77	740608	36.405	ng		95
64) 4,6-Dinitro-2-methylphenol	10.37	198	6946	10.316	ng		84
65) n-Nitrosodiphenylamine	10.43	169	630479	43.191	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	203526	41.043	ng	#	85
67) Hexachlorobenzene	10.87	284	205089	38.743	ng	#	89
68) Atrazine	10.95	200	200280	42.859	ng		98
69) Pentachlorophenol	11.06	266	213385	65.934	ng		99
70) Phenanthrene	11.28	178	896540	42.761	ng		98
71) Anthracene	11.32	178	925690	46.113	ng		99
72) Carbazole	11.48	167	850498	40.230	ng		99
73) Di-n-butylphthalate	11.82	149	1056161	44.988	ng		100
74) Fluoranthene	12.46	202	1003673	48.349	ng		97
76) Benzidine	12.58	184	936584	49.530	ng		98
77) Pyrene	12.68	202	1023471	33.338	ng		99
79) Butylbenzylphthalate	13.31	149	472041	34.144	ng		96
80) Benzo(a)anthracene	13.87	228	959639	37.526	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	403422	40.491	ng		97
82) Chrysene	13.91	228	934323	37.741	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	610046	35.113	ng		100
84) Di-n-octyl phthalate	14.48	149	1205813	41.629	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	644302	29.408	ng		95
87) Benzo(b)fluoranthene	14.89	252	795742	45.055	ng		97
88) Benzo(k)fluoranthene	14.91	252	724327	44.534	ng		98
89) Benzo(a)pyrene	15.23	252	666406	41.817	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	539707	38.434	ng		97
91) Benzo(g,h,i)perylene	17.06	276	532721	37.889	ng		94

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

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