Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107707.D
Acq On : 26 Jul 2018 18:38
Operator : JU/SJ
Sample : J4095-12MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Manual Integrations APPROVED
Sohil
7/27/2018 2:53:51 PM

Quant Time: Jul 27 04:20:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	203905	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	807437	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	375706	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	720836	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	416769	20.00	ng		-0.02
86) Perylene-d12	15.68	264	506966	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1237400	97.57	ng		0.00
7) Phenol-d6	6.61	99	1495789	98.23	ng		0.00
23) Nitrobenzene-d5	7.53	82	1004476	83.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	491643	115.08	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1857497	84.55	ng		-0.02
78) Terphenyl-d14	13.08	244	1499342	92.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	154172	26.118	ng		88
3) Pyridine	3.66	79	203953	12.701	ng		88
4) n-Nitrosodimethylamine	3.62	42	149368	22.054	ng		91
6) Aniline	6.65	93	203757	10.374	ng	#	60
8) 2-Chlorophenol	6.75	128	485762	35.752	ng		94
9) Benzaldehyde	6.52	77	180094	16.274	ng		90
10) Phenol	6.62	94	575592	32.140	ng		89
11) bis(2-Chloroethyl)ether	6.70	93	395350	26.627	ng		92
12) 1,3-Dichlorobenzene	6.90	146	524593	34.054	ng		98
13) 1,4-Dichlorobenzene	6.98	146	572781	36.277	ng		98
14) 1,2-Dichlorobenzene	7.13	146	516031	36.419	ng		99
15) Benzyl Alcohol	7.11	79	380545	36.667	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	783821	31.292	ng		71
17) 2-Methylphenol	7.22	107	404005	34.984	ng	#	88
18) Hexachloroethane	7.47	117	193913	35.015	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	342156	34.781	ng		98
20) 3+4-Methylphenols	7.38	107	527144	38.442	ng	#	56
22) Acetophenone	7.37	105	725049	38.236	ng	#	90
24) Nitrobenzene	7.55	77	503561	36.747	ng		99
25) Isophorone	7.78	82	947743	37.100	ng		99
26) 2-Nitrophenol	7.87	139	274968	47.516	ng		99
27) 2,4-Dimethylphenol	7.90	122	446591	40.770	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	601402	35.228	ng		99
29) 2,4-Dichlorophenol	8.11	162	430376	38.440	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	462394	36.771	ng		99
31) Naphthalene	8.27	128	1484950	41.822	ng		99
32) Benzoic acid	8.01	122	15267m	9.568	ng		
33) 4-Chloroaniline	8.34	127	141333	9.107	ng		97
34) Hexachlorobutadiene	8.37	225	267149	35.753	ng		99
35) Caprolactam	8.69	113	88281m	24.242	ng		
36) 4-Chloro-3-methylphenol	8.81	107	491771	39.542	ng		99
37) 2-Methylnaphthalene	8.96	142	1020934	41.494	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	493515	39.382	ng		98
40) Hexachlorocyclopentadiene	9.10	237	405559	63.665	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	300632	37.480	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	320419	38.221	ng		95
45) 1,1'-Biphenyl	9.42	154	1280804	39.134	ng		97
46) 2-Chloronaphthalene	9.45	162	951706	38.043	ng		98
47) 2-Nitroaniline	9.55	65	326125	44.716	ng		88
48) Acenaphthylene	9.87	152	1533230	40.799	ng		99
49) Dimethylphthalate	9.72	163	1237741	43.712	ng		100
50) 2,6-Dinitrotoluene	9.79	165	242505	43.136	ng	#	88
51) Acenaphthene	10.04	154	913055	38.778	ng		99
52) 3-Nitroaniline	9.97	138	142917	20.897	ng		100
53) 2,4-Dinitrophenol	10.08	184	44044	28.301	ng	#	45
54) Dibenzofuran	10.21	168	1308434	37.746	ng		98
55) 4-Nitrophenol	10.15	139	250421	48.905	ng		90
56) 2,4-Dinitrotoluene	10.20	165	301377	44.411	ng		94
57) Fluorene	10.56	166	1044604	42.240	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	263002	37.696	ng		88
59) Diethylphthalate	10.42	149	1137916	38.479	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	520320	37.217	ng		95
61) 4-Nitroaniline	10.60	138	211841	36.867	ng		96
62) Azobenzene	10.71	77	1016824	36.669	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	81749	27.924	ng		90
65) n-Nitrosodiphenylamine	10.67	169	927259	37.876	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	316776	37.332	ng	#	88
67) Hexachlorobenzene	11.10	284	345311	36.985	ng	#	90
68) Atrazine	11.19	200	288756	38.631	ng		96
69) Pentachlorophenol	11.30	266	249800	42.834	ng		98
70) Phenanthrene	11.52	178	1390636	39.589	ng		99
71) Anthracene	11.58	178	1466811	41.474	ng		99
72) Carbazole	11.74	167	1280843	34.827	ng		99
73) Di-n-butylphthalate	12.04	149	1608130	41.544	ng		99
74) Fluoranthene	12.72	202	1365104	36.216	ng		96
76) Benzidine	12.85	184	80981	6.747	ng		97
77) Pyrene	12.95	202	1290764	45.278	ng		98
79) Butylbenzylphthalate	13.55	149	518867	42.323	ng		91
80) Benzo(a)anthracene	14.14	228	1012195	41.444	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	180914	21.371	ng		96
82) Chrysene	14.18	228	978729	41.717	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	691135	39.954	ng		99
84) Di-n-octyl phthalate	14.72	149	1150511	42.789	ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	1185150	59.603	ng	#	92
87) Benzo(b)fluoranthene	15.22	252	995797	35.890	ng		97
88) Benzo(k)fluoranthene	15.25	252	1085848	39.946	ng		98
89) Benzo(a)pyrene	15.62	252	1041645	41.042	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	962688	43.880	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	929568	42.955	ng		92

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

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