Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110513.D
Acq On : 6 Nov 2018 14:18
Operator : JU/SJ
Sample : J5827-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Manual Integrations APPROVED
Sohil
11/7/2018 2:54:26 PM

Quant Time: Nov 07 14:03:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96017	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	380257	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	169078	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	265776	20.00	ng		0.00
76) Chrysene-d12	14.14	240	171840	20.00	ng		0.00
87) Perylene-d12	15.66	264	140709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	747188	126.72	ng		0.01
7) Phenol-d6	6.59	99	953659	126.45	ng		0.00
23) Nitrobenzene-d5	7.52	82	593446	92.57	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	190864	113.96	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	993845	92.30	ng		0.00
79) Terphenyl-d14	13.07	244	716161	86.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	80313	25.998	ng		88
3) Pyridine	3.65	79	229440	33.346	ng	#	84
4) n-Nitrosodimethylamine	3.61	42	117137	40.635	ng		94
6) Aniline	6.62	93	290861	29.606	ng	#	55
8) 2-Chlorophenol	6.75	128	259706	38.204	ng		100
9) Benzaldehyde	6.51	77	154221	33.652	ng		98
10) Phenol	6.60	94	379284	47.049	ng	#	64
11) bis(2-Chloroethyl)ether	6.69	93	241218	36.370	ng		94
12) 1,3-Dichlorobenzene	6.90	146	273014	36.495	ng		97
13) 1,4-Dichlorobenzene	6.97	146	274964	36.342	ng		98
14) 1,2-Dichlorobenzene	7.13	146	257750	36.697	ng		98
15) Benzyl Alcohol	7.10	79	223377	38.510	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	386931	36.488	ng		70
17) 2-Methylphenol	7.20	107	209160	38.607	ng	#	84
18) Hexachloroethane	7.46	117	97511	35.202	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	180126	37.229	ng		96
20) 3+4-Methylphenols	7.36	107	270349	38.605	ng	#	88
22) Acetophenone	7.36	105	361677	41.278	ng	#	93
24) Nitrobenzene	7.54	77	264907	40.023	ng		97
25) Isophorone	7.77	82	485563	44.432	ng		97
26) 2-Nitrophenol	7.86	139	133279	42.315	ng		92
27) 2,4-Dimethylphenol	7.89	122	232187	44.463	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	306960	41.347	ng		99
29) 2,4-Dichlorophenol	8.10	162	213853	40.535	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	229582	38.850	ng		96
31) Naphthalene	8.26	128	737840	42.101	ng		100
33) 4-Chloroaniline	8.31	127	182418	23.127	ng		95
34) Hexachlorobutadiene	8.37	225	126346	38.506	ng		98
35) Caprolactam	8.68	113	66200m	36.001	ng		
36) 4-Chloro-3-methylphenol	8.79	107	227921	39.951	ng		99
37) 2-Methylnaphthalene	8.95	142	499943	43.115	ng		99
38) 1-Methylnaphthalene	9.05	142	465008	41.498	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	209593	39.785	ng		99
41) Hexachlorocyclopentadiene	9.10	237	67847	25.187	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	135220	39.795	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	144575	40.253	ng		93
46) 1,1'-Biphenyl	9.42	154	595558	38.952	ng		99
47) 2-Chloronaphthalene	9.45	162	443542	39.547	ng		99
48) 2-Nitroaniline	9.55	65	138947	40.883	ng		91
49) Acenaphthylene	9.86	152	674056	41.611	ng		99
50) Dimethylphthalate	9.71	163	674744	54.062	ng		99
51) 2,6-Dinitrotoluene	9.79	165	109731	40.816	ng	#	82
52) Acenaphthene	10.03	154	400667	37.388	ng		98
53) 3-Nitroaniline	9.96	138	100105	31.312	ng		90
54) 2,4-Dinitrophenol	10.07	184	10611	14.477	ng		94
55) Dibenzofuran	10.20	168	577644	38.499	ng		99
56) 4-Nitrophenol	10.12	139	196293	82.957	ng		97
57) 2,4-Dinitrotoluene	10.19	165	134885	39.500	ng		91
58) Fluorene	10.55	166	452380	40.512	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	106222	36.284	ng	#	92
60) Diethylphthalate	10.41	149	493286	40.488	ng		100
61) 4-Chlorophenyl-phenylether	10.53	204	220203	37.381	ng		99
62) 4-Nitroaniline	10.57	138	106537	33.504	ng		92
63) Azobenzene	10.70	77	456150	37.719	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	19607	16.147	ng		97
66) n-Nitrosodiphenylamine	10.66	169	399037	45.774	ng		97
67) 4-Bromophenyl-phenylether	11.03	248	122448	42.474	ng		97
68) Hexachlorobenzene	11.10	284	123002	40.212	ng		94
69) Atrazine	11.18	200	124210	45.087	ng		99
70) Pentachlorophenol	11.29	266	95018	53.272	ng		94
71) Phenanthrene	11.52	178	603174	43.373	ng		99
72) Anthracene	11.57	178	605339	43.427	ng		99
73) Carbazole	11.72	167	514653	37.814	ng		99
74) Di-n-butylphthalate	12.03	149	689292	44.843	ng		98
75) Fluoranthene	12.71	202	551405	39.069	ng		97
77) Benzidine	12.83	184	318691	Below Cal			97
78) Pyrene	12.94	202	521603	42.340	ng		99
80) Butylbenzylphthalate	13.53	149	237449	44.407	ng		97
81) Benzo(a)anthracene	14.13	228	434922	42.679	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	135548	38.199	ng		100
83) Chrysene	14.16	228	411859	42.552	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	313826	43.416	ng		96
85) Di-n-octyl phthalate	14.70	149	519233	46.197	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	315842	39.335	ng		97
88) Benzo(b)fluoranthene	15.21	252	367751	45.259	ng		99
89) Benzo(k)fluoranthene	15.24	252	348520	43.630	ng		99
90) Benzo(a)pyrene	15.60	252	327674	43.826	ng		99
91) Dibenzo(a,h)anthracene	17.24	278	260416	40.366	ng		98
92) Benzo(g,h,i)perylene	17.71	276	249179	39.196	ng		99

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

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