Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110263.D
Acq On : 29 Oct 2018 15:33
Operator : JU/SJ
Sample : J5649-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Manual Integrations APPROVED
Sohil
10/30/2018 2:24:09 PM

Quant Time: Oct 30 07:15:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107307	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	433877	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	186960	20.00	ng		0.00
64) Phenanthrene-d10	11.50	188	296529	20.00	ng		0.00
76) Chrysene-d12	14.16	240	206346	20.00	ng		0.00
87) Perylene-d12	15.69	264	180194	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	731374	110.99	ng		0.00
7) Phenol-d6	6.60	99	943024	111.89	ng		0.00
23) Nitrobenzene-d5	7.53	82	579126	79.17	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	203783	110.04	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1074856	90.28	ng		0.00
79) Terphenyl-d14	13.09	244	868987	87.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	70639	20.461	ng		91
3) Pyridine	3.63	79	162748	21.165	ng		89
4) n-Nitrosodimethylamine	3.58	42	122888	38.145	ng		89
6) Aniline	6.63	93	251143	22.874	ng	#	55
8) 2-Chlorophenol	6.76	128	279922	36.846	ng		98
9) Benzaldehyde	6.52	77	141861	26.276	ng		98
10) Phenol	6.61	94	398559	44.238	ng	#	66
11) bis(2-Chloroethyl)ether	6.70	93	255597	34.483	ng		95
12) 1,3-Dichlorobenzene	6.91	146	279408	33.420	ng		99
13) 1,4-Dichlorobenzene	6.99	146	285328	33.744	ng		99
14) 1,2-Dichlorobenzene	7.14	146	268786	34.242	ng		99
15) Benzyl Alcohol	7.11	79	244160	37.664	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	408257	34.448	ng		69
17) 2-Methylphenol	7.22	107	226918	37.478	ng	#	80
18) Hexachloroethane	7.48	117	98642	31.864	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	189578	35.060	ng		96
20) 3+4-Methylphenols	7.37	107	290750	37.150	ng		94
22) Acetophenone	7.38	105	383604	38.370	ng		98
24) Nitrobenzene	7.55	77	280171	37.098	ng		98
25) Isophorone	7.79	82	515890	41.373	ng		97
26) 2-Nitrophenol	7.87	139	140614	39.126	ng		92
27) 2,4-Dimethylphenol	7.90	122	255544	42.888	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	328812	38.817	ng		99
29) 2,4-Dichlorophenol	8.11	162	229066	38.053	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	245386	36.392	ng		95
31) Naphthalene	8.27	128	796323	39.822	ng		100
32) Benzoic acid	7.99	122	60602	13.160	ng		98
33) 4-Chloroaniline	8.32	127	124398	13.822	ng		98
34) Hexachlorobutadiene	8.39	225	134810	36.008	ng		97
35) Caprolactam	8.69	113	79134m	37.716	ng		
36) 4-Chloro-3-methylphenol	8.80	107	245278	37.680	ng		94
37) 2-Methylnaphthalene	8.97	142	549281	41.516	ng		99
38) 1-Methylnaphthalene	9.07	142	509902	39.881	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	229180	39.342	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	87599	29.409	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	149429	39.771	ng		94
44) 2,4,5-Trichlorophenol	9.29	196	160622	40.443	ng		96
46) 1,1'-Biphenyl	9.43	154	653848	38.674	ng		98
47) 2-Chloronaphthalene	9.46	162	481547	38.829	ng		99
48) 2-Nitroaniline	9.56	65	146012	38.853	ng		89
49) Acenaphthylene	9.88	152	729261	40.713	ng		99
50) Dimethylphthalate	9.73	163	748703	54.250	ng		99
51) 2,6-Dinitrotoluene	9.80	165	116545	39.204	ng	#	85
52) Acenaphthene	10.05	154	455557	38.444	ng		98
53) 3-Nitroaniline	9.96	138	92143	26.064	ng		94
54) 2,4-Dinitrophenol	10.07	184	21958	22.582	ng		87
55) Dibenzofuran	10.22	168	642412	38.721	ng		96
56) 4-Nitrophenol	10.13	139	234377	89.578	ng		97
57) 2,4-Dinitrotoluene	10.20	165	145813	38.616	ng	#	83
58) Fluorene	10.56	166	492635	39.897	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	122349	37.795	ng		96
60) Diethylphthalate	10.43	149	547458	40.637	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	242956	37.299	ng		98
62) 4-Nitroaniline	10.58	138	107480	30.568	ng		94
63) Azobenzene	10.71	77	497523	37.205	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	21936	16.192	ng		90
66) n-Nitrosodiphenylamine	10.67	169	436502	44.879	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	137045	42.607	ng		96
68) Hexachlorobenzene	11.12	284	132877	38.935	ng		98
69) Atrazine	11.19	200	134127	43.637	ng		97
70) Pentachlorophenol	11.31	266	113941	57.256	ng		95
71) Phenanthrene	11.53	178	645311	41.591	ng		99
72) Anthracene	11.59	178	647771	41.652	ng		99
73) Carbazole	11.74	167	545182	35.903	ng		99
74) Di-n-butylphthalate	12.05	149	742520	43.296	ng		99
75) Fluoranthene	12.73	202	588975	37.403	ng		99
77) Benzidine	12.84	184	142221	18.920	ng		97
78) Pyrene	12.96	202	587314	39.702	ng		99
80) Butylbenzylphthalate	13.56	149	259838	40.468	ng		99
81) Benzo(a)anthracene	14.14	228	520962	42.574	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	152739	35.845	ng		99
83) Chrysene	14.19	228	496604	42.728	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	357552	41.194	ng		97
85) Di-n-octyl phthalate	14.73	149	612944	45.415	ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	374448	38.835	ng		97
88) Benzo(b)fluoranthene	15.23	252	462925	44.488	ng		100
89) Benzo(k)fluoranthene	15.26	252	435788	42.600	ng		98
90) Benzo(a)pyrene	15.62	252	403889	42.183	ng		99
91) Dibenzo(a,h)anthracene	17.27	278	321350	38.897	ng		98
92) Benzo(g,h,i)perylene	17.74	276	297650	36.561	ng		98

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

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