Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110512.D
Acq On : 6 Nov 2018 13:51
Operator : JU/SJ
Sample : J5827-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Manual Integrations APPROVED
Sohil
11/7/2018 2:54:23 PM

Quant Time: Nov 06 15:12:21 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	105040	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	417423	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	185865	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	289493	20.00	ng		0.00
76) Chrysene-d12	14.14	240	178320	20.00	ng		0.00
87) Perylene-d12	15.66	264	146827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	795660	123.35	ng		0.02
7) Phenol-d6	6.59	99	1013532	122.85	ng		0.01
23) Nitrobenzene-d5	7.53	82	635211	90.26	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	205235	111.47	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	1083029	91.50	ng		0.00
79) Terphenyl-d14	13.07	244	752793	87.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	90894	26.896	ng		88
3) Pyridine	3.65	79	259957	34.536	ng	#	84
4) n-Nitrosodimethylamine	3.61	42	137755	43.682	ng		91
6) Aniline	6.62	93	358279	33.336	ng	#	54
8) 2-Chlorophenol	6.75	128	303694	40.838	ng		99
9) Benzaldehyde	6.51	77	179553	36.564	ng		97
10) Phenol	6.60	94	428451	48.582	ng	#	67
11) bis(2-Chloroethyl)ether	6.69	93	279947	38.583	ng		95
12) 1,3-Dichlorobenzene	6.90	146	311470	38.059	ng		98
13) 1,4-Dichlorobenzene	6.97	146	317375	38.344	ng		98
14) 1,2-Dichlorobenzene	7.13	146	301508	39.240	ng		99
15) Benzyl Alcohol	7.10	79	259679	40.923	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	448487	38.660	ng		71
17) 2-Methylphenol	7.20	107	244122	41.190	ng	#	83
18) Hexachloroethane	7.46	117	113404	37.423	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	204315	38.601	ng		96
20) 3+4-Methylphenols	7.36	107	305675	39.900	ng		92
22) Acetophenone	7.37	105	414289	43.073	ng	#	97
24) Nitrobenzene	7.55	77	311987	42.939	ng		93
25) Isophorone	7.77	82	560071	46.687	ng		98
26) 2-Nitrophenol	7.86	139	152573	44.127	ng		95
27) 2,4-Dimethylphenol	7.89	122	272522	47.540	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	358532	43.994	ng		100
29) 2,4-Dichlorophenol	8.10	162	246191	42.510	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	265536	40.933	ng		98
31) Naphthalene	8.26	128	851305	44.250	ng		100
32) Benzoic acid	7.96	122	11364	2.565	ng	#	81
33) 4-Chloroaniline	8.31	127	190996	22.059	ng		98
34) Hexachlorobutadiene	8.37	225	147141	40.851	ng		97
35) Caprolactam	8.69	113	84333m	41.779	ng		
36) 4-Chloro-3-methylphenol	8.79	107	264823	42.286	ng		98
37) 2-Methylnaphthalene	8.95	142	578436	45.443	ng		98
38) 1-Methylnaphthalene	9.05	142	539927	43.894	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	245586	42.407	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	92486	31.232 ng		97
43) 2,4,6-Trichlorophenol	9.23	196	159742	42.766 ng		94
44) 2,4,5-Trichlorophenol	9.27	196	169353	42.893 ng		95
46) 1,1'-Biphenyl	9.42	154	686748	40.859 ng		99
47) 2-Chloronaphthalene	9.45	162	515229	41.790 ng		98
48) 2-Nitroaniline	9.55	65	163646	43.802 ng		94
49) Acenaphthylene	9.86	152	786020	44.140 ng		98
50) Dimethylphthalate	9.72	163	780813	56.910 ng		100
51) 2,6-Dinitrotoluene	9.79	165	125213	42.368 ng		96
52) Acenaphthene	10.03	154	465387	39.505 ng		97
53) 3-Nitroaniline	9.96	138	110720	31.504 ng		96
54) 2,4-Dinitrophenol	10.07	184	19945	21.080 ng		92
55) Dibenzofuran	10.20	168	673116	40.811 ng		99
56) 4-Nitrophenol	10.12	139	235386	90.494 ng		96
57) 2,4-Dinitrotoluene	10.19	165	158082	42.112 ng		96
58) Fluorene	10.55	166	527804	42.997 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	125062	38.861 ng	#	92
60) Diethylphthalate	10.41	149	579767	43.289 ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	258960	39.990 ng		96
62) 4-Nitroaniline	10.57	138	124755	35.690 ng		96
63) Azobenzene	10.70	77	541607	40.741 ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	25507	19.285 ng		89
66) n-Nitrosodiphenylamine	10.66	169	463701	48.834 ng		96
67) 4-Bromophenyl-phenylether	11.03	248	145872	46.454 ng		93
68) Hexachlorobenzene	11.10	284	143691	43.127 ng	#	90
69) Atrazine	11.18	200	143798	47.921 ng		97
70) Pentachlorophenol	11.30	266	116965	60.204 ng		97
71) Phenanthrene	11.52	178	695532	45.917 ng		100
72) Anthracene	11.57	178	707345	46.588 ng		99
73) Carbazole	11.72	167	594245	40.085 ng		100
74) Di-n-butylphthalate	12.03	149	801149	47.850 ng		99
75) Fluoranthene	12.71	202	607465	39.515 ng		98
77) Benzidine	12.83	184	370700	Below Cal		97
78) Pyrene	12.94	202	587781	45.978 ng		99
80) Butylbenzylphthalate	13.53	149	266755	48.074 ng		97
81) Benzo(a)anthracene	14.13	228	485095	45.873 ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	151464	41.133 ng		99
83) Chrysene	14.16	228	455241	45.325 ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	360974	48.124 ng		96
85) Di-n-octyl phthalate	14.70	149	593398	50.877 ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	347120	41.659 ng		97
88) Benzo(b)fluoranthene	15.21	252	417196	49.205 ng		100
89) Benzo(k)fluoranthene	15.24	252	402984	48.346 ng		99
90) Benzo(a)pyrene	15.60	252	377490	48.385 ng		98
91) Dibenzo(a,h)anthracene	17.24	278	291837	43.352 ng		97
92) Benzo(g,h,i)perylene	17.71	276	278805	42.029 ng		98

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

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