Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018394.D
Acq On : 27 Dec 2018 13:31
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 27 14:18:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 13:32:43 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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12/28/2018 12:30:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	318827	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	1331248	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	796683	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	1879658	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2155839	20.00	ng	0.00
87) Perylene-d12	23.67	264	2254009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	2707345	141.85	ng	0.00
7) Phenol-d6	6.95	99	3812177	143.70	ng	0.00
23) Nitrobenzene-d5	8.96	82	3846984	148.23	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	1784566	152.62	ng	0.00
45) 2-Fluorobiphenyl	13.06	172	9355179	152.10	ng	0.00
79) Terphenyl-d14	19.82	244	13770853	144.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	520082	68.789	ng	# 100
3) Pyridine	3.69	79	1541260m	69.295	ng	
4) n-Nitrosodimethylamine	3.62	42	635191	82.969	ng	# 96
6) Aniline	7.12	93	2306565	69.311	ng	99
8) 2-Chlorophenol	7.35	128	1643596	72.886	ng	97
10) Phenol	6.97	94	1918961	68.304	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	1495560	66.981	ng	98
12) 1,3-Dichlorobenzene	7.67	146	1819493	72.256	ng	98
13) 1,4-Dichlorobenzene	7.82	146	1852475	72.445	ng	99
14) 1,2-Dichlorobenzene	8.13	146	1807756	73.336	ng	99
15) Benzyl Alcohol	8.03	79	1499504	69.371	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	2259938	112.472	ng	100
17) 2-Methylphenol	8.22	107	1356165	72.294	ng	99
18) Hexachloroethane	8.86	117	675641	72.088	ng	100
19) n-Nitroso-di-n-propylamine	8.60	70	1370720	69.203	ng	99
20) 3+4-Methylphenols	8.56	107	1892234	71.987	ng	99
22) Acetophenone	8.62	105	2712442	76.994	ng	# 99
24) Nitrobenzene	9.00	77	1893599	73.020	ng	98
25) Isophorone	9.52	82	3296174	76.284	ng	99
26) 2-Nitrophenol	9.70	139	887095	69.744	ng	99
27) 2,4-Dimethylphenol	9.75	122	1405839	76.692	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	2086561	74.082	ng	98
29) 2,4-Dichlorophenol	10.22	162	1654037	81.382	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	1846776	79.883	ng	98
31) Naphthalene	10.63	128	5159715	79.265	ng	100
32) Benzoic acid	9.93	122	978642m	56.380	ng	
33) 4-Chloroaniline	10.75	127	2436283	85.442	ng	100
34) Hexachlorobutadiene	10.90	225	1114404	76.218	ng	99
35) Caprolactam	11.56	113	603437m	77.917	ng	
36) 4-Chloro-3-methylphenol	11.87	107	1843447	75.484	ng	98
37) 2-Methylnaphthalene	12.24	142	3767589	82.072	ng	99
38) 1-Methylnaphthalene	12.47	142	3663594	81.786	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	2069654	75.546	ng	99
41) Hexachlorocyclopentadiene	12.58	237	1105503	113.167	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.86	196	1288334	73.116	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	1340166	71.643	ng		99
46) 1,1'-Biphenyl	13.27	154	5453271	76.086	ng		99
47) 2-Chloronaphthalene	13.31	162	4235820	80.296	ng		99
48) 2-Nitroaniline	13.52	65	1252638	77.084	ng		96
49) Acenaphthylene	14.16	152	6485851	81.587	ng		99
50) Dimethylphthalate	13.90	163	5428958	81.967	ng		100
51) 2,6-Dinitrotoluene	14.02	165	1199118	82.355	ng		98
52) Acenaphthene	14.50	154	3908157	80.443	ng		99
53) 3-Nitroaniline	14.36	138	1354963	88.429	ng		97
54) 2,4-Dinitrophenol	14.55	184	433450	53.966	ng		96
55) Dibenzofuran	14.83	168	6319239	80.950	ng		99
56) 4-Nitrophenol	14.65	139	1088442	93.691	ng		99
57) 2,4-Dinitrotoluene	14.81	165	1696646	84.302	ng		100
58) Fluorene	15.49	166	4981211	82.617	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	1273049	75.566	ng		99
60) Diethylphthalate	15.27	149	5747344	80.407	ng		99
61) 4-Chlorophenyl-phenylether	15.48	204	2750865	80.674	ng		99
62) 4-Nitroaniline	15.53	138	1458210	100.296	ng		95
63) Azobenzene	15.77	77	5081459	77.966	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	819887	59.251	ng		92
66) n-Nitrosodiphenylamine	15.70	169	4781433	76.926	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	1693177	74.379	ng		99
68) Hexachlorobenzene	16.47	284	1882816	75.496	ng		99
69) Atrazine	16.66	200	1884280	89.796	ng		98
71) Phenanthrene	17.23	178	8040801	78.755	ng		99
72) Anthracene	17.32	178	8086233	79.833	ng		99
73) Carbazole	17.59	167	8590286	82.628	ng		100
74) Di-n-butylphthalate	18.16	149	10214928	79.632	ng		99
75) Fluoranthene	19.24	202	9712807	81.823	ng		99
77) Benzidine	19.44	184	5052140	92.415	ng		99
78) Pyrene	19.61	202	10093969	78.580	ng		98
80) Butylbenzylphthalate	20.52	149	4874587	79.767	ng		97
81) Benzo(a)anthracene	21.36	228	10143730	80.548	ng		98
82) 3,3'-Dichlorobenzidine	21.30	252	4153595	82.558	ng		100
83) Chrysene	21.41	228	9748485	80.480	ng		98
84) Bis(2-ethylhexyl)phthalate	21.29	149	7308115	80.241	ng		98
85) Di-n-octyl phthalate	22.19	149	11904801	79.813	ng		99
86) Indeno(1,2,3-cd)pyrene	26.02	276	12124891	100.488	ng	#	100
88) Benzo(b)fluoranthene	22.98	252	10510554	83.013	ng		99
89) Benzo(k)fluoranthene	23.03	252	10384295	82.354	ng		99
90) Benzo(a)pyrene	23.58	252	10103324	83.900	ng		99
91) Dibenzo(a,h)anthracene	26.04	278	10276022	92.121	ng		99
92) Benzo(g,h,i)perylene	26.74	276	9803245	92.971	ng		100

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

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