Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018469.D
Acq On : 09 Jan 2019 11:57
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
1/10/2019 3:11:53 PM

Quant Time: Jan 09 12:33:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 10:48:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	384301	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	1439832	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	805779	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1830376	20.00	ng		0.00
76) Chrysene-d12	21.36	240	1977133	20.00	ng		0.00
87) Perylene-d12	23.64	264	1981159	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	3216453	157.80	ng		0.00
7) Phenol-d6	6.94	99	4146824	146.51	ng		0.00
23) Nitrobenzene-d5	8.93	82	4034321	160.81	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	1816522	177.43	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	9693222	162.93	ng		0.00
79) Terphenyl-d14	19.79	244	12905944	139.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	625937	75.403	ng		97
3) Pyridine	3.68	79	1567611	68.462	ng		99
4) n-Nitrosodimethylamine	3.60	42	724470	77.598	ng	#	94
6) Aniline	7.10	93	2384898	67.555	ng		99
8) 2-Chlorophenol	7.33	128	1862015	75.750	ng		95
9) Benzaldehyde	6.92	77	871245	43.845	ng		99
10) Phenol	6.97	94	2078335	71.375	ng		98
11) bis(2-Chloroethyl)ether	7.20	93	1618627	71.313	ng		96
12) 1,3-Dichlorobenzene	7.65	146	2161223	74.848	ng		99
13) 1,4-Dichlorobenzene	7.80	146	2179963	74.310	ng		99
14) 1,2-Dichlorobenzene	8.11	146	2082490	72.349	ng		100
15) Benzyl Alcohol	8.01	79	1548716	70.493	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	2001703	55.379	ng		95
17) 2-Methylphenol	8.21	107	1437502	69.687	ng		98
18) Hexachloroethane	8.83	117	797979	76.208	ng		96
19) n-Nitroso-di-n-propylamine	8.57	70	1330701	61.716	ng		94
20) 3+4-Methylphenols	8.54	107	1994124	72.057	ng		98
22) Acetophenone	8.59	105	2820352	77.152	ng	#	98
24) Nitrobenzene	8.97	77	1967017	79.232	ng		97
25) Isophorone	9.49	82	3148228	72.347	ng		98
26) 2-Nitrophenol	9.67	139	1068548	111.169	ng		96
27) 2,4-Dimethylphenol	9.73	122	1468713	81.485	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	2098840	76.847	ng		99
29) 2,4-Dichlorophenol	10.21	162	1799265	90.257	ng		99
30) 1,2,4-Trichlorobenzene	10.42	180	2082725	85.286	ng		99
31) Naphthalene	10.60	128	5511639	79.421	ng		100
32) Benzoic acid	9.90	122	1031250	102.717	ng		96
33) 4-Chloroaniline	10.73	127	2344581	73.742	ng		98
34) Hexachlorobutadiene	10.87	225	1319716	89.001	ng		99
35) Caprolactam	11.55	113	630361m	85.560	ng		
36) 4-Chloro-3-methylphenol	11.86	107	1904526	84.283	ng		99
37) 2-Methylnaphthalene	12.22	142	3913435	77.008	ng		99
38) 1-Methylnaphthalene	12.44	142	3777096	76.459	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	2282477	90.481	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	1349353	110.318 ng	100
43) 2,4,6-Trichlorophenol	12.83	196	1500652	104.728 ng	99
44) 2,4,5-Trichlorophenol	12.92	196	1587386	101.374 ng	98
46) 1,1'-Biphenyl	13.24	154	5598987	81.313 ng	99
47) 2-Chloronaphthalene	13.29	162	4357677	82.628 ng	99
48) 2-Nitroaniline	13.50	65	1183622	83.639 ng	92
49) Acenaphthylene	14.13	152	6495356	79.999 ng	99
50) Dimethylphthalate	13.87	163	5369945	79.768 ng	99
51) 2,6-Dinitrotoluene	14.00	165	1203132	85.156 ng	95
52) Acenaphthene	14.47	154	3921529	80.035 ng	98
53) 3-Nitroaniline	14.33	138	1255710	79.917 ng	99
54) 2,4-Dinitrophenol	14.53	184	621300	160.944 ng	95
55) Dibenzofuran	14.81	168	6369490	79.447 ng	97
56) 4-Nitrophenol	14.65	139	1052370	88.736 ng	95
57) 2,4-Dinitrotoluene	14.79	165	1677056	87.728 ng	99
58) Fluorene	15.46	166	4865108	77.908 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	1378974	95.360 ng	98
60) Diethylphthalate	15.24	149	5493134	78.013 ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	2765988	80.619 ng	99
62) 4-Nitroaniline	15.50	138	1256474	75.127 ng	98
63) Azobenzene	15.75	77	4549846	70.896 ng	98
65) 4,6-Dinitro-2-methylphenol	15.54	198	991844	134.933 ng	91
66) n-Nitrosodiphenylamine	15.68	169	4631252	81.184 ng	99
67) 4-Bromophenyl-phenylether	16.36	248	1695901	85.083 ng	97
68) Hexachlorobenzene	16.46	284	1861772	82.457 ng	99
69) Atrazine	16.63	200	1698320	80.311 ng	98
70) Pentachlorophenol	16.80	266	1312559	99.695 ng	99
71) Phenanthrene	17.20	178	7753541	80.022 ng	99
72) Anthracene	17.30	178	7691564	79.686 ng	100
73) Carbazole	17.57	167	7937583	78.303 ng	100
74) Di-n-butylphthalate	18.13	149	9149516	79.413 ng	99
75) Fluoranthene	19.22	202	9155989	79.792 ng	98
77) Benzidine	19.42	184	3448108	61.013 ng	100
78) Pyrene	19.59	202	9544356	83.166 ng	98
80) Butylbenzylphthalate	20.49	149	4326972	91.647 ng	97
81) Benzo(a)anthracene	21.34	228	9326247	80.311 ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	3625729	81.269 ng	99
83) Chrysene	21.39	228	8889896	79.350 ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	6178961	79.868 ng	98
85) Di-n-octyl phthalate	22.16	149	10326074	80.749 ng	95
86) Indeno(1,2,3-cd)pyrene	25.97	276	10666241	76.913 ng	97
88) Benzo(b)fluoranthene	22.95	252	9160035	82.894 ng	99
89) Benzo(k)fluoranthene	23.00	252	9295696	84.107 ng	98
90) Benzo(a)pyrene	23.54	252	8966238	84.466 ng	98
91) Dibenzo(a,h)anthracene	25.99	278	8959139	81.045 ng	98
92) Benzo(g,h,i)perylene	26.69	276	8767471	82.831 ng	98

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

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