Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
Data File : BM019913.D
Acq On : 15 Apr 2019 13:40
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
4/16/2019 5:25:33 PM

Quant Time: Apr 15 15:11:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 14:51:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	125092	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	592224	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	356618	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	790081	20.00	ng		0.00
76) Chrysene-d12	21.19	240	861541	20.00	ng		0.00
87) Perylene-d12	23.38	264	753425	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	934984	121.05	ng		0.00
7) Phenol-d6	6.73	99	1437669	127.25	ng		0.00
23) Nitrobenzene-d5	8.71	82	1623333	129.57	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	710973	135.03	ng		0.00
45) 2-Fluorobiphenyl	12.81	172	3502401	127.75	ng		0.00
79) Terphenyl-d14	19.62	244	5912438	136.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	195776	56.975	ng		99
3) Pyridine	3.51	79	547783	58.596	ng		99
4) n-Nitrosodimethylamine	3.44	42	194940	67.075	ng		98
6) Aniline	6.89	93	923726	63.326	ng		99
8) 2-Chlorophenol	7.10	128	581228	62.618	ng		97
9) Benzaldehyde	6.70	77	348514	49.040	ng		98
10) Phenol	6.76	94	778588	63.943	ng		99
11) bis(2-Chloroethyl)ether	6.98	93	564417	60.747	ng		98
12) 1,3-Dichlorobenzene	7.42	146	604598	61.549	ng		99
13) 1,4-Dichlorobenzene	7.57	146	611623	61.073	ng		98
14) 1,2-Dichlorobenzene	7.87	146	609628	62.568	ng		99
15) Benzyl Alcohol	7.80	79	655832	70.136	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	528952	55.755	ng		98
17) 2-Methylphenol	7.99	107	510656	64.358	ng		99
18) Hexachloroethane	8.58	117	238494	64.089	ng		97
19) n-Nitroso-di-n-propylamine	8.35	70	614886	66.337	ng		99
20) 3+4-Methylphenols	8.32	107	711720	66.081	ng		98
22) Acetophenone	8.37	105	981296	59.957	ng	#	99
24) Nitrobenzene	8.75	77	837631	64.286	ng		100
25) Isophorone	9.27	82	1564494	65.443	ng		99
26) 2-Nitrophenol	9.45	139	364170	67.427	ng		99
27) 2,4-Dimethylphenol	9.51	122	505312	62.933	ng		98
28) bis(2-Chloroethoxy)methane	9.75	93	883232	62.395	ng	#	98
29) 2,4-Dichlorophenol	9.98	162	580508	65.279	ng		98
30) 1,2,4-Trichlorobenzene	10.17	180	610171	60.851	ng		100
31) Naphthalene	10.36	128	1908019	61.126	ng		99
32) Benzoic acid	9.75	122	486507m	71.544	ng		
33) 4-Chloroaniline	10.50	127	811194	63.396	ng		99
34) Hexachlorobutadiene	10.62	225	358766	62.347	ng		98
35) Caprolactam	11.35	113	217887m	68.782	ng		
36) 4-Chloro-3-methylphenol	11.64	107	711412	64.835	ng		100
37) 2-Methylnaphthalene	11.99	142	1399433	61.696	ng		99
38) 1-Methylnaphthalene	12.21	142	1374103	61.460	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	670485	59.436	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	217925	42.649	ng	97
43) 2,4,6-Trichlorophenol	12.62	196	466148	63.943	ng	97
44) 2,4,5-Trichlorophenol	12.70	196	488019	62.602	ng	99
46) 1,1'-Biphenyl	13.02	154	1876214	60.243	ng	99
47) 2-Chloronaphthalene	13.07	162	1435251	61.740	ng	99
48) 2-Nitroaniline	13.31	65	531481	68.171	ng	99
49) Acenaphthylene	13.92	152	2516080	64.011	ng	99
50) Dimethylphthalate	13.67	163	1916082	62.808	ng	100
51) 2,6-Dinitrotoluene	13.82	165	426046	64.604	ng	96
52) Acenaphthene	14.27	154	1384437	61.296	ng	100
53) 3-Nitroaniline	14.16	138	437008	62.567	ng	93
54) 2,4-Dinitrophenol	14.38	184	241676	63.103	ng	97
55) Dibenzofuran	14.60	168	2262811	62.124	ng	99
56) 4-Nitrophenol	14.49	139	321511	56.378	ng	99
57) 2,4-Dinitrotoluene	14.62	165	623479	65.130	ng	100
58) Fluorene	15.26	166	1930701	64.306	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.84	232	432555	59.603	ng	99
60) Diethylphthalate	15.04	149	1984150	64.218	ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	928490	63.673	ng	99
62) 4-Nitroaniline	15.33	138	435317	61.844	ng	99
63) Azobenzene	15.55	77	2140795	65.846	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	324426	62.662	ng	98
66) n-Nitrosodiphenylamine	15.49	169	1582507	62.914	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	556967	63.927	ng	94
68) Hexachlorobenzene	16.26	284	661131	63.826	ng	98
69) Atrazine	16.45	200	532585	62.899	ng	99
70) Pentachlorophenol	16.62	266	350928	56.232	ng	100
71) Phenanthrene	17.01	178	2864254	61.850	ng	99
72) Anthracene	17.10	178	2874556	63.407	ng	100
73) Carbazole	17.39	167	2690465	62.878	ng	100
74) Di-n-butylphthalate	17.93	149	3539354	68.404	ng	99
75) Fluoranthene	19.04	202	3293725	61.984	ng	99
77) Benzidine	19.25	184	1728346	70.736	ng	100
78) Pyrene	19.41	202	3405830	62.480	ng	100
80) Butylbenzylphthalate	20.32	149	1668364	70.269	ng	94
81) Benzo(a)anthracene	21.17	228	3273688	60.568	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	1231601	59.150	ng	99
83) Chrysene	21.22	228	3146284	60.170	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2479821	71.793	ng	98
85) Di-n-octyl phthalate	21.95	149	4080671	70.158	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	3004789	53.382	ng	100
88) Benzo(b)fluoranthene	22.72	252	3047501	62.423	ng	99
89) Benzo(k)fluoranthene	22.77	252	2882890	64.202	ng	99
90) Benzo(a)pyrene	23.29	252	2699463	61.529	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2538464	60.484	ng	98
92) Benzo(g,h,i)perylene	26.27	276	2253093	58.474	ng	99

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

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