Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019092.D
Acq On : 11 Mar 2019 14:08
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
3/12/2019 4:45:01 PM

Quant Time: Mar 11 16:14:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 15:57:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	193317	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	903825	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	541225	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1202388	20.00	ng		0.00
76) Chrysene-d12	21.27	240	1325531	20.00	ng		0.00
87) Perylene-d12	23.51	264	1355676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	596732	50.58	ng		0.00
7) Phenol-d6	6.84	99	877304	52.78	ng		0.00
23) Nitrobenzene-d5	8.83	82	964748	49.36	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	398472	51.08	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	2054679	50.40	ng		0.00
79) Terphenyl-d14	19.71	244	3366721	52.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	130469	25.389	ng		99
3) Pyridine	3.63	79	386672	27.586	ng		99
4) n-Nitrosodimethylamine	3.55	42	103346	28.981	ng		93
6) Aniline	7.01	93	567340	27.858	ng		99
8) 2-Chlorophenol	7.23	128	357750	27.617	ng		99
9) Benzaldehyde	6.83	77	305538	33.584	ng		98
10) Phenol	6.87	94	469282	26.833	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	360000	26.985	ng		99
12) 1,3-Dichlorobenzene	7.55	146	376022	25.815	ng		99
13) 1,4-Dichlorobenzene	7.70	146	386632	26.073	ng		99
14) 1,2-Dichlorobenzene	8.01	146	381766	26.802	ng		99
15) Benzyl Alcohol	7.92	79	361906	27.403	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	365044	28.272	ng		100
17) 2-Methylphenol	8.11	107	307329	27.610	ng		100
18) Hexachloroethane	8.72	117	144073	26.615	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	368461	28.631	ng		99
20) 3+4-Methylphenols	8.44	107	425044	27.653	ng		98
22) Acetophenone	8.49	105	625839	25.214	ng	#	99
24) Nitrobenzene	8.87	77	501247	24.704	ng		100
25) Isophorone	9.39	82	919526	29.482	ng		100
26) 2-Nitrophenol	9.58	139	208801	25.841	ng		97
27) 2,4-Dimethylphenol	9.63	122	310420	26.303	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	545605	27.052	ng		98
29) 2,4-Dichlorophenol	10.10	162	344452	25.419	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	376435	24.054	ng		100
31) Naphthalene	10.50	128	1178682	26.739	ng		100
32) Benzoic acid	9.78	122	242919m	23.597	ng		
33) 4-Chloroaniline	10.63	127	497376	25.242	ng		99
34) Hexachlorobutadiene	10.76	225	218152	24.016	ng		99
35) Caprolactam	11.43	113	124992m	22.601	ng		
36) 4-Chloro-3-methylphenol	11.75	107	425001	26.013	ng		99
37) 2-Methylnaphthalene	12.12	142	865023	27.872	ng		99
38) 1-Methylnaphthalene	12.34	142	845997	27.876	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	421630	24.353	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	177822	20.089 ng	100
43) 2,4,6-Trichlorophenol	12.74	196	279969	24.427 ng	96
44) 2,4,5-Trichlorophenol	12.82	196	296427	24.675 ng	98
46) 1,1'-Biphenyl	13.14	154	1176254	25.248 ng	99
47) 2-Chloronaphthalene	13.19	162	882446	24.524 ng	99
48) 2-Nitroaniline	13.42	65	302772	25.335 ng	99
49) Acenaphthylene	14.04	152	1503240	28.056 ng	100
50) Dimethylphthalate	13.79	163	1162108	25.764 ng	99
51) 2,6-Dinitrotoluene	13.92	165	253941	25.990 ng	100
52) Acenaphthene	14.38	154	851121	25.906 ng	99
53) 3-Nitroaniline	14.25	138	260550	23.600 ng	97
54) 2,4-Dinitrophenol	14.46	184	133164	24.665 ng	100
55) Dibenzofuran	14.72	168	1375946	25.480 ng	99
56) 4-Nitrophenol	14.56	139	207650	23.562 ng	99
57) 2,4-Dinitrotoluene	14.71	165	355628	26.416 ng	97
58) Fluorene	15.37	166	1128919	27.327 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	276909	26.078 ng	99
60) Diethylphthalate	15.15	149	1165757	25.055 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	543150	23.449 ng	100
62) 4-Nitroaniline	15.42	138	259723	23.997 ng	100
63) Azobenzene	15.66	77	1260594	25.268 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	192642	22.819 ng	98
66) n-Nitrosodiphenylamine	15.59	169	968581	25.497 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	331124	24.603 ng	99
68) Hexachlorobenzene	16.37	284	396274	25.331 ng	99
69) Atrazine	16.54	200	330875	27.017 ng	99
70) Pentachlorophenol	16.72	266	227703	22.606 ng	99
71) Phenanthrene	17.12	178	1762068	27.269 ng	100
72) Anthracene	17.21	178	1743268	27.717 ng	99
73) Carbazole	17.49	167	1652353	25.146 ng	99
74) Di-n-butylphthalate	18.04	149	2010861	26.609 ng	100
75) Fluoranthene	19.14	202	2040174	27.333 ng	99
77) Benzidine	19.34	184	982704	32.918 ng	100
78) Pyrene	19.50	202	2120422	27.543 ng	100
80) Butylbenzylphthalate	20.41	149	927893	26.447 ng	99
81) Benzo(a)anthracene	21.26	228	2095960	27.126 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	834049	27.312 ng	99
83) Chrysene	21.31	228	2030999	27.424 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1354540	26.378 ng	100
85) Di-n-octyl phthalate	22.05	149	2291529	26.551 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2287486	26.752 ng	100
88) Benzo(b)fluoranthene	22.83	252	2190819	28.246 ng	99
89) Benzo(k)fluoranthene	22.88	252	1974100	25.565 ng	99
90) Benzo(a)pyrene	23.41	252	1962719	26.712 ng	100
91) Dibenzo(a,h)anthracene	25.79	278	1915740	26.316 ng	99
92) Benzo(g,h,i)perylene	26.47	276	1753045	25.867 ng	99

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

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