Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020179.D
Acq On : 07 May 2019 23:44
Operator : JU/SJ
Sample : K2704-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MS

Manual Integrations APPROVED
Sohil
5/9/2019 6:44:27 PM

Quant Time: May 08 04:54:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	130556	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	464331	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	265411	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	624644	20.00	ng		0.00
76) Chrysene-d12	21.36	240	689264	20.00	ng		0.00
87) Perylene-d12	23.64	264	831027	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1102842	138.08	ng		0.00
7) Phenol-d6	6.96	99	1507211	138.13	ng		0.00
23) Nitrobenzene-d5	8.96	82	1067428	90.76	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	633132	153.68	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1924834	89.23	ng		0.00
79) Terphenyl-d14	19.80	244	3128697	79.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	134077	34.227	ng		94
3) Pyridine	3.70	79	379491	37.879	ng		97
4) n-Nitrosodimethylamine	3.62	42	131473	40.924	ng	#	82
6) Aniline	7.12	93	281793	20.516	ng		99
8) 2-Chlorophenol	7.35	128	354008	40.706	ng		99
9) Benzaldehyde	6.94	77	241950	29.297	ng		95
10) Phenol	6.99	94	494646	42.110	ng		93
11) bis(2-Chloroethyl)ether	7.22	93	364558	42.700	ng		96
12) 1,3-Dichlorobenzene	7.67	146	408504	40.372	ng		96
13) 1,4-Dichlorobenzene	7.82	146	415208	40.620	ng		96
14) 1,2-Dichlorobenzene	8.13	146	395299	40.592	ng		98
15) Benzyl Alcohol	8.03	79	415870	39.526	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	277808	39.242	ng		97
17) 2-Methylphenol	8.23	107	311610	41.209	ng		94
18) Hexachloroethane	8.86	117	164149	38.514	ng		94
19) n-Nitroso-di-n-propylamine	8.59	70	353616	37.879	ng		94
20) 3+4-Methylphenols	8.56	107	415213	41.316	ng		97
22) Acetophenone	8.62	105	571034	44.998	ng	#	95
24) Nitrobenzene	9.00	77	509679	41.796	ng		95
25) Isophorone	9.52	82	865123	42.655	ng		99
26) 2-Nitrophenol	9.70	139	194350	52.791	ng		92
27) 2,4-Dimethylphenol	9.76	122	309103	50.432	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	475073	43.008	ng		99
29) 2,4-Dichlorophenol	10.23	162	349141	45.175	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	419258	44.087	ng		97
31) Naphthalene	10.63	128	1039014	43.120	ng		99
32) Benzoic acid	9.82	122	26546	11.860	ng		89
33) 4-Chloroaniline	10.75	127	130802	13.189	ng		97
34) Hexachlorobutadiene	10.90	225	279543	41.554	ng		96
35) Caprolactam	11.55	113	107768m	46.634	ng		
36) 4-Chloro-3-methylphenol	11.87	107	381279	41.981	ng		93
37) 2-Methylnaphthalene	12.25	142	770209	43.845	ng		98
38) 1-Methylnaphthalene	12.47	142	724172	42.157	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	475370	45.780	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	478195	78.212	ng		98
43) 2,4,6-Trichlorophenol	12.86	196	302512	51.261	ng		96
44) 2,4,5-Trichlorophenol	12.93	196	322737	48.953	ng		95
46) 1,1'-Biphenyl	13.26	154	976258	44.688	ng		98
47) 2-Chloronaphthalene	13.30	162	786697	45.103	ng		100
48) 2-Nitroaniline	13.52	65	278933	44.919	ng		93
49) Acenaphthylene	14.16	152	1199933	42.986	ng		99
50) Dimethylphthalate	13.89	163	1141058	50.584	ng		100
51) 2,6-Dinitrotoluene	14.02	165	211098	44.431	ng		92
52) Acenaphthene	14.50	154	713506	44.573	ng		99
53) 3-Nitroaniline	14.35	138	120773	27.388	ng		99
54) 2,4-Dinitrophenol	14.56	184	75047	36.667	ng		92
55) Dibenzofuran	14.83	168	1165884	43.179	ng		97
56) 4-Nitrophenol	14.66	139	325107	86.411	ng		87
57) 2,4-Dinitrotoluene	14.80	165	295638	45.793	ng	#	95
58) Fluorene	15.48	166	946780	42.695	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	300547	47.972	ng		97
60) Diethylphthalate	15.25	149	955958	42.063	ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	532841	42.408	ng		95
62) 4-Nitroaniline	15.52	138	200236	41.146	ng		89
63) Azobenzene	15.77	77	1051093	39.203	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	124187	40.686	ng		98
66) n-Nitrosodiphenylamine	15.69	169	821475	44.693	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	330651	43.167	ng		95
68) Hexachlorobenzene	16.47	284	378665	42.960	ng		96
69) Atrazine	16.64	200	317978	44.268	ng		97
70) Pentachlorophenol	16.82	266	484070	95.984	ng		99
71) Phenanthrene	17.22	178	1603148	46.494	ng		99
72) Anthracene	17.31	178	1588027	46.064	ng		99
73) Carbazole	17.59	167	1340167	43.083	ng		98
74) Di-n-butylphthalate	18.14	149	1586743	42.386	ng		98
75) Fluoranthene	19.24	202	2168442	49.704	ng		99
77) Benzidine	19.43	184	813442	36.914	ng		99
78) Pyrene	19.60	202	2214076	47.845	ng		100
80) Butylbenzylphthalate	20.49	149	787607	46.802	ng		99
81) Benzo(a)anthracene	21.34	228	2134703	44.162	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	595477	32.277	ng		99
83) Chrysene	21.40	228	2091642	44.617	ng		98
84) Bis(2-ethylhexyl)phthalate	21.26	149	1136322	43.515	ng		99
85) Di-n-octyl phthalate	22.15	149	2024501	46.645	ng		98
86) Indeno(1,2,3-cd)pyrene	25.98	276	2741266	49.160	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2384558	43.453	ng		100
89) Benzo(k)fluoranthene	23.00	252	2166553	43.281	ng		99
90) Benzo(a)pyrene	23.55	252	2260300	45.346	ng		98
91) Dibenzo(a,h)anthracene	25.99	278	2326347	44.878	ng		99
92) Benzo(g,h,i)perylene	26.70	276	2266632	46.056	ng		98

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

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