Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
Data File : BM020294.D
Acq On : 12 May 2019 12:32
Operator : JU/SJ
Sample : K2763-21MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P021-SS008-0206-01MSD

Manual Integrations APPROVED
Sohil
5/14/2019 8:07:23 PM

Quant Time: May 13 06:49:14 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	7.76	152	54348	20.00	ng		-0.03
21) Naphthalene-d8	10.56	136	188878	20.00	ng		-0.03
39) Acenaphthene-d10	14.41	164	105994	20.00	ng		-0.02
64) Phenanthrene-d10	17.16	188	251143	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	294649	20.00	ng		-0.02
87) Perylene-d12	23.63	264	366876	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	386025	116.10	ng		-0.02
7) Phenol-d6	6.93	99	524918	115.56	ng		-0.02
23) Nitrobenzene-d5	8.93	82	366128	76.53	ng		-0.02
42) 2,4,6-Tribromophenol	15.90	330	190681	115.90	ng		-0.02
45) 2-Fluorobiphenyl	13.03	172	608753	70.66	ng		-0.03
79) Terphenyl-d14	19.79	244	1044807	61.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	60552	37.133	ng		88
3) Pyridine	3.69	79	94701	22.707	ng		95
4) n-Nitrosodimethylamine	3.60	42	48135	35.993	ng	#	61
6) Aniline	7.10	93	48034	8.401	ng		98
8) 2-Chlorophenol	7.33	128	138152	38.161	ng		97
9) Benzaldehyde	6.92	77	74403	21.642	ng		98
10) Phenol	6.96	94	188103	38.468	ng		93
11) bis(2-Chloroethyl)ether	7.20	93	137201	38.604	ng		96
12) 1,3-Dichlorobenzene	7.65	146	151023	35.854	ng		97
13) 1,4-Dichlorobenzene	7.80	146	153338	36.036	ng		96
14) 1,2-Dichlorobenzene	8.11	146	148308	36.584	ng		99
15) Benzyl Alcohol	8.01	79	136798	31.233	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.29	45	103977	35.282	ng		99
17) 2-Methylphenol	8.20	107	110558	35.123	ng		95
18) Hexachloroethane	8.83	117	57860	32.612	ng		99
19) n-Nitroso-di-n-propylamine	8.57	70	124223	31.966	ng		96
20) 3+4-Methylphenols	8.53	107	143161	34.220	ng		97
22) Acetophenone	8.59	105	213878	41.433	ng	#	96
24) Nitrobenzene	8.97	77	192821	38.872	ng		94
25) Isophorone	9.49	82	312745	37.908	ng		99
26) 2-Nitrophenol	9.67	139	66395	44.336	ng		92
27) 2,4-Dimethylphenol	9.73	122	92088	36.936	ng		97
28) bis(2-Chloroethoxy)methane	9.97	93	169695	37.766	ng		98
29) 2,4-Dichlorophenol	10.20	162	120985	38.484	ng		98
30) 1,2,4-Trichlorobenzene	10.42	180	145618	37.644	ng		96
31) Naphthalene	10.60	128	387163	39.500	ng		100
32) Benzoic acid	9.83	122	31670	22.005	ng		90
33) 4-Chloroaniline	10.73	127	43036	10.668	ng		98
34) Hexachlorobutadiene	10.87	225	89750	32.798	ng		99
35) Caprolactam	11.53	113	28445m	30.259	ng		
36) 4-Chloro-3-methylphenol	11.85	107	130486	35.320	ng		95
37) 2-Methylnaphthalene	12.22	142	267692	37.462	ng		94
38) 1-Methylnaphthalene	12.44	142	257113	36.796	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	158515	38.225	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	166600	68.231	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	101883	43.230	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	107885	40.976	ng		97
46) 1,1'-Biphenyl	13.24	154	337663	38.704	ng		99
47) 2-Chloronaphthalene	13.28	162	276241	39.657	ng		98
48) 2-Nitroaniline	13.50	65	93878	37.856	ng		88
49) Acenaphthylene	14.13	152	431210	38.681	ng		99
50) Dimethylphthalate	13.87	163	456641	50.689	ng		99
51) 2,6-Dinitrotoluene	14.00	165	75003	39.529	ng		94
52) Acenaphthene	14.47	154	247916	38.781	ng		99
53) 3-Nitroaniline	14.33	138	38438	21.827	ng		96
54) 2,4-Dinitrophenol	14.54	184	63897	68.583	ng		95
55) Dibenzofuran	14.81	168	410728	38.090	ng		97
56) 4-Nitrophenol	14.64	139	112340	74.768	ng		88
57) 2,4-Dinitrotoluene	14.79	165	106171	41.180	ng		92
58) Fluorene	15.46	166	324577	36.651	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	101714	40.653	ng	#	97
60) Diethylphthalate	15.23	149	318325	35.073	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	178138	35.501	ng		95
62) 4-Nitroaniline	15.50	138	67225	34.590	ng		93
63) Azobenzene	15.75	77	360193	33.640	ng		96
65) 4,6-Dinitro-2-methylphenol	15.55	198	49138	40.154	ng		95
66) n-Nitrosodiphenylamine	15.67	169	274316	37.120	ng		97
67) 4-Bromophenyl-phenylether	16.35	248	108055	35.087	ng		96
68) Hexachlorobenzene	16.46	284	130584	36.847	ng		97
69) Atrazine	16.63	200	108267	37.489	ng		100
70) Pentachlorophenol	16.80	266	166468	82.098	ng		97
71) Phenanthrene	17.20	178	525096	37.877	ng		99
72) Anthracene	17.29	178	524616	37.849	ng		98
73) Carbazole	17.57	167	497720	39.796	ng		99
74) Di-n-butylphthalate	18.12	149	507395	33.711	ng		97
75) Fluoranthene	19.22	202	665709	37.952	ng		99
77) Benzidine	19.42	184	42395	4.500	ng		98
78) Pyrene	19.59	202	689006	34.829	ng		98
80) Butylbenzylphthalate	20.49	149	254670	35.401	ng		97
81) Benzo(a)anthracene	21.33	228	734649	35.553	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	158563	20.105	ng		99
83) Chrysene	21.39	228	730144	36.434	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	372021	33.326	ng		100
85) Di-n-octyl phthalate	22.14	149	689388	37.156	ng		97
86) Indeno(1,2,3-cd)pyrene	25.96	276	1047972	43.964	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	862372	35.596	ng		99
89) Benzo(k)fluoranthene	22.99	252	798948	36.153	ng		100
90) Benzo(a)pyrene	23.54	252	821097	37.313	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	898776	39.274	ng		100
92) Benzo(g,h,i)perylene	26.68	276	870829	40.081	ng		98

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

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