Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020113.D
Acq On : 03 May 2019 15:52
Operator : JU/SJ
Sample : K2668-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-2MS

Manual Integrations APPROVED
mohammad
5/7/2019 11:59:04 PM

Quant Time: May 04 04:16:35 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	123708	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	447842	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	264249	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	596478	20.00	ng		0.00
76) Chrysene-d12	21.36	240	550585	20.00	ng		-0.01
87) Perylene-d12	23.64	264	603806	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1195143	157.92	ng		0.00
7) Phenol-d6	6.95	99	1641596	158.78	ng		0.00
23) Nitrobenzene-d5	8.95	82	1177514	103.81	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	667419	162.72	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	2227262	103.70	ng		0.00
79) Terphenyl-d14	19.80	244	3277610	103.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	147745	39.804	ng		95
3) Pyridine	3.70	79	148866	15.682	ng		98
4) n-Nitrosodimethylamine	3.62	42	147449	48.438	ng		93
6) Aniline	7.12	93	513716	39.471	ng		99
8) 2-Chlorophenol	7.35	128	412312	50.035	ng		99
9) Benzaldehyde	6.93	77	340588	43.524	ng		97
10) Phenol	6.98	94	573398	51.516	ng		95
11) bis(2-Chloroethyl)ether	7.22	93	401914	49.682	ng		96
12) 1,3-Dichlorobenzene	7.67	146	457950	47.764	ng		95
13) 1,4-Dichlorobenzene	7.82	146	469418	48.466	ng		97
14) 1,2-Dichlorobenzene	8.14	146	452924	49.084	ng		98
15) Benzyl Alcohol	8.03	79	485511	48.699	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.31	45	305560	45.551	ng		96
17) 2-Methylphenol	8.22	107	361641	50.473	ng		98
18) Hexachloroethane	8.86	117	188926	46.781	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	413955	46.798	ng		96
20) 3+4-Methylphenols	8.55	107	472628	49.632	ng		96
22) Acetophenone	8.61	105	676254	55.251	ng	#	98
24) Nitrobenzene	8.99	77	602071	51.191	ng		99
25) Isophorone	9.52	82	1008172	51.538	ng		100
26) 2-Nitrophenol	9.70	139	204430	57.574	ng		97
27) 2,4-Dimethylphenol	9.75	122	369838	62.563	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	547006	51.343	ng		98
29) 2,4-Dichlorophenol	10.22	162	409187	54.894	ng		97
30) 1,2,4-Trichlorobenzene	10.44	180	490600	53.489	ng		97
31) Naphthalene	10.63	128	1215367	52.296	ng		99
32) Benzoic acid	9.85	122	129237	33.106	ng		92
33) 4-Chloroaniline	10.75	127	228965	23.937	ng		97
34) Hexachlorobutadiene	10.90	225	336459	51.856	ng		98
35) Caprolactam	11.53	113	106126m	47.614	ng		
36) 4-Chloro-3-methylphenol	11.86	107	441976	50.455	ng		98
37) 2-Methylnaphthalene	12.25	142	895971	52.882	ng		99
38) 1-Methylnaphthalene	12.46	142	845238	51.017	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	582271	56.321	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	860911	141.427	ng		98
43) 2,4,6-Trichlorophenol	12.85	196	354095	60.265	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	378928	57.729	ng		97
46) 1,1'-Biphenyl	13.26	154	1168304	53.715	ng		98
47) 2-Chloronaphthalene	13.30	162	937459	53.983	ng		98
48) 2-Nitroaniline	13.52	65	315616	51.050	ng		95
49) Acenaphthylene	14.15	152	1405646	50.577	ng		98
50) Dimethylphthalate	13.89	163	1374022	61.179	ng		99
51) 2,6-Dinitrotoluene	14.02	165	238152	50.345	ng		96
52) Acenaphthene	14.49	154	826227	51.842	ng		99
53) 3-Nitroaniline	14.35	138	157620	35.901	ng		99
54) 2,4-Dinitrophenol	14.54	184	269268	110.080	ng		92
55) Dibenzofuran	14.83	168	1375226	51.156	ng		99
56) 4-Nitrophenol	14.64	139	384363	102.610	ng		91
57) 2,4-Dinitrotoluene	14.80	165	335987	52.272	ng		96
58) Fluorene	15.48	166	1100036	49.824	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	351602	56.368	ng		97
60) Diethylphthalate	15.26	149	1125247	49.730	ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	645084	51.567	ng		95
62) 4-Nitroaniline	15.51	138	225342	46.509	ng		97
63) Azobenzene	15.77	77	1281542	48.009	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	173518	56.215	ng		95
66) n-Nitrosodiphenylamine	15.69	169	961532	54.783	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	399800	54.660	ng		96
68) Hexachlorobenzene	16.47	284	439672	52.236	ng		97
69) Atrazine	16.64	200	346873	50.571	ng		98
70) Pentachlorophenol	16.82	266	557141	115.689	ng		98
71) Phenanthrene	17.22	178	1675655	50.891	ng		99
72) Anthracene	17.31	178	1730257	52.559	ng		99
73) Carbazole	17.58	167	1477868	49.753	ng		99
74) Di-n-butylphthalate	18.14	149	1792386	50.140	ng		98
75) Fluoranthene	19.23	202	1961912	47.094	ng		100
77) Benzidine	19.43	184	411972	23.404	ng		98
78) Pyrene	19.60	202	1992987	53.914	ng		99
80) Butylbenzylphthalate	20.50	149	759763	56.519	ng		99
81) Benzo(a)anthracene	21.34	228	1872959	48.507	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	584349	39.652	ng		98
83) Chrysene	21.40	228	1853630	49.499	ng		99
84) Bis(2-ethylhexyl)phthalate	21.27	149	1117991	53.596	ng		99
85) Di-n-octyl phthalate	22.16	149	1837904	53.012	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	2428974	54.531	ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1947926	48.854	ng		99
89) Benzo(k)fluoranthene	23.00	252	1906780	52.426	ng		100
90) Benzo(a)pyrene	23.54	252	1908986	52.710	ng		99
91) Dibenzo(a,h)anthracene	25.98	278	2076877	55.142	ng		100
92) Benzo(g,h,i)perylene	26.69	276	2006935	56.125	ng		99

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

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