Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018719.D
Acq On : 04 Feb 2019 15:23
Operator : JU/SJ
Sample : K1361-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

Manual Integrations APPROVED
mohammad
2/5/2019 8:41:09 AM

Quant Time: Feb 04 18:01:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	224714	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	834469	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	420151	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	845398	20.00	ng		0.00
76) Chrysene-d12	21.32	240	823994	20.00	ng		0.00
87) Perylene-d12	23.57	264	893200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1512079	124.25	ng		0.00
7) Phenol-d6	6.89	99	1898360	122.82	ng		0.00
23) Nitrobenzene-d5	8.89	82	1125288	78.17	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	593864	111.01	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	2475066	76.87	ng		0.00
79) Terphenyl-d14	19.75	244	3018617	77.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	213656	43.075	ng		98
3) Pyridine	3.66	79	252179	20.393	ng		98
4) n-Nitrosodimethylamine	3.57	42	301614	58.983	ng	#	93
6) Aniline	7.06	93	710946	41.233	ng		99
8) 2-Chlorophenol	7.29	128	736052	51.786	ng		95
9) Benzaldehyde	6.87	77	400435	47.590	ng		99
10) Phenol	6.92	94	945387	60.189	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	603512	48.900	ng		96
12) 1,3-Dichlorobenzene	7.60	146	816782	48.254	ng		99
13) 1,4-Dichlorobenzene	7.76	146	832749	48.540	ng		99
14) 1,2-Dichlorobenzene	8.07	146	792471	48.714	ng		99
15) Benzyl Alcohol	7.97	79	569018	50.969	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	795855	50.460	ng		96
17) 2-Methylphenol	8.16	107	553131	51.880	ng		100
18) Hexachloroethane	8.78	117	294840	48.200	ng		99
19) n-Nitroso-di-n-propylamine	8.53	70	462160	45.945	ng		94
20) 3+4-Methylphenols	8.49	107	740752	50.329	ng		99
22) Acetophenone	8.55	105	965643	46.779	ng	#	96
24) Nitrobenzene	8.93	77	709105	50.066	ng		98
25) Isophorone	9.45	82	1207497	55.396	ng		98
26) 2-Nitrophenol	9.63	139	370126	54.045	ng		96
27) 2,4-Dimethylphenol	9.69	122	605860	59.022	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	765170	50.815	ng		99
29) 2,4-Dichlorophenol	10.16	162	637168	52.128	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	735712	48.492	ng		100
31) Naphthalene	10.56	128	2143579	53.338	ng		99
32) Benzoic acid	9.80	122	189255m	30.176	ng		
33) 4-Chloroaniline	10.68	127	390982	24.703	ng		98
34) Hexachlorobutadiene	10.82	225	444966	46.424	ng		99
35) Caprolactam	11.49	113	144944m	34.878	ng		
36) 4-Chloro-3-methylphenol	11.80	107	620691	48.402	ng		98
37) 2-Methylnaphthalene	12.17	142	1503279	52.943	ng		99
38) 1-Methylnaphthalene	12.40	142	1408476	51.266	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	765866	52.126	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	938424	116.377	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	484055	54.253	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	506506	53.978	ng	97
46) 1,1'-Biphenyl	13.20	154	1833714	49.985	ng	99
47) 2-Chloronaphthalene	13.24	162	1429726	50.257	ng	100
48) 2-Nitroaniline	13.46	65	357894	51.136	ng	90
49) Acenaphthylene	14.09	152	2234615	53.901	ng	99
50) Dimethylphthalate	13.83	163	1907310	55.275	ng	100
51) 2,6-Dinitrotoluene	13.96	165	368050	50.355	ng	90
52) Acenaphthene	14.43	154	1281874	50.534	ng	98
53) 3-Nitroaniline	14.29	138	259876	35.267	ng	99
54) 2,4-Dinitrophenol	14.50	184	341948	85.842	ng	93
55) Dibenzofuran	14.77	168	2032777	48.501	ng	99
56) 4-Nitrophenol	14.60	139	612955	96.287	ng	97
57) 2,4-Dinitrotoluene	14.75	165	491867	47.562	ng	99
58) Fluorene	15.42	166	1594652	51.075	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.00	232	431475	51.877	ng	97
60) Diethylphthalate	15.20	149	1613971	46.333	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	804159	44.688	ng	98
62) 4-Nitroaniline	15.46	138	338693	42.139	ng	94
63) Azobenzene	15.71	77	1349400	47.513	ng	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	254365	47.294	ng	87
66) n-Nitrosodiphenylamine	15.63	169	1374200	52.403	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	474842	50.192	ng	98
68) Hexachlorobenzene	16.42	284	528363	49.888	ng	98
69) Atrazine	16.59	200	453009	47.784	ng	98
70) Pentachlorophenol	16.77	266	611081	88.100	ng	99
71) Phenanthrene	17.16	178	2385626	53.053	ng	100
72) Anthracene	17.25	178	2416492	55.885	ng	100
73) Carbazole	17.53	167	2169433	48.834	ng	100
74) Di-n-butylphthalate	18.09	149	2546905	52.339	ng	99
75) Fluoranthene	19.18	202	2646555	51.049	ng	99
77) Benzidine	19.38	184	539964	26.540	ng	99
78) Pyrene	19.54	202	2735470	56.006	ng	100
80) Butylbenzylphthalate	20.45	149	1126193	54.036	ng	97
81) Benzo(a)anthracene	21.30	228	2620048	53.974	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	716152	39.014	ng	99
83) Chrysene	21.35	228	2490840	53.137	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1570026	52.169	ng	100
85) Di-n-octyl phthalate	22.10	149	2704330	53.427	ng	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3457571	63.967	ng	98
88) Benzo(b)fluoranthene	22.89	252	2691319	53.074	ng	99
89) Benzo(k)fluoranthene	22.94	252	2634241	51.547	ng	99
90) Benzo(a)pyrene	23.48	252	2706110	55.743	ng	98
91) Dibenzo(a,h)anthracene	25.89	278	2911999	59.199	ng	99
92) Benzo(g,h,i)perylene	26.58	276	2925058	61.107	ng	98

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

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