Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020752.D
Acq On : 06 Jun 2019 00:39
Operator : HP/JU
Sample : K3174-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCDMSD

Manual Integrations APPROVED
mohammad
6/6/2019 11:22:16 AM

Quant Time: Jun 06 04:01:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	341902	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	1335988	20.00	ng		-0.02
39) Acenaphthene-d10	14.46	164	700151	20.00	ng		-0.02
64) Phenanthrene-d10	17.20	188	1351182	20.00	ng		-0.01
76) Chrysene-d12	21.38	240	1210858	20.00	ng		-0.02
87) Perylene-d12	23.67	264	1451293	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	2704941	139.17	ng		-0.01
7) Phenol-d6	6.99	99	3655683	127.73	ng		0.00
23) Nitrobenzene-d5	8.99	82	2226536	86.35	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	1172726	135.19	ng		-0.01
45) 2-Fluorobiphenyl	13.08	172	4058941	77.07	ng		-0.01
79) Terphenyl-d14	19.83	244	4656228	64.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	286089	35.951	ng		95
3) Pyridine	3.74	79	522807	20.649	ng		97
4) n-Nitrosodimethylamine	3.66	42	400836	36.726	ng		92
6) Aniline	7.16	93	777434	18.774	ng		99
8) 2-Chlorophenol	7.39	128	1033079	42.725	ng		98
9) Benzaldehyde	6.97	77	342326	16.944	ng		91
10) Phenol	7.02	94	1293937	41.953	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	941493	38.304	ng		96
12) 1,3-Dichlorobenzene	7.71	146	1084445	39.023	ng		98
13) 1,4-Dichlorobenzene	7.86	146	1102432	39.023	ng		98
14) 1,2-Dichlorobenzene	8.17	146	1069162	38.888	ng		100
15) Benzyl Alcohol	8.06	79	910543	35.963	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1278605	33.693	ng		99
17) 2-Methylphenol	8.26	107	846746	39.043	ng		98
18) Hexachloroethane	8.89	117	395009	36.520	ng		94
19) n-Nitroso-di-n-propylamine	8.63	70	772289	33.569	ng		96
20) 3+4-Methylphenols	8.59	107	1110319	37.628	ng		98
22) Acetophenone	8.65	105	1463135	43.111	ng	#	96
24) Nitrobenzene	9.03	77	1130980	42.965	ng		97
25) Isophorone	9.55	82	2010077	39.189	ng		99
26) 2-Nitrophenol	9.73	139	505072	51.482	ng		95
27) 2,4-Dimethylphenol	9.79	122	891353	48.487	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1235591	39.841	ng		100
29) 2,4-Dichlorophenol	10.26	162	930149	45.732	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	1039169	44.434	ng		99
31) Naphthalene	10.66	128	2975455	43.310	ng		100
32) Benzoic acid	9.91	122	355224m	32.550	ng		
33) 4-Chloroaniline	10.77	127	211223	6.606	ng		98
34) Hexachlorobutadiene	10.94	225	611279	43.562	ng		99
35) Caprolactam	11.56	113	243038m	34.396	ng		
36) 4-Chloro-3-methylphenol	11.90	107	933245	39.465	ng		98
37) 2-Methylnaphthalene	12.27	142	2128528	41.799	ng		99
38) 1-Methylnaphthalene	12.50	142	2008951	41.432	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1111660	48.450	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1297833	94.577 ng	100
43) 2,4,6-Trichlorophenol	12.89	196	697021	47.195 ng	99
44) 2,4,5-Trichlorophenol	12.95	196	733437	48.102 ng	96
46) 1,1'-Biphenyl	13.29	154	2628774	44.956 ng	99
47) 2-Chloronaphthalene	13.33	162	2041353	43.254 ng	98
48) 2-Nitroaniline	13.54	65	564149	38.086 ng	92
49) Acenaphthylene	14.18	152	3151406	42.796 ng	100
50) Dimethylphthalate	13.92	163	3105581	51.918 ng	99
51) 2,6-Dinitrotoluene	14.04	165	521477	42.934 ng	90
52) Acenaphthene	14.52	154	1833697	41.786 ng	99
53) 3-Nitroaniline	14.37	138	245791	18.130 ng	94
54) 2,4-Dinitrophenol	14.57	184	392659	75.587 ng	91
55) Dibenzofuran	14.86	168	2876129	42.199 ng	98
56) 4-Nitrophenol	14.67	139	823270	82.408 ng	91
57) 2,4-Dinitrotoluene	14.83	165	678570	41.725 ng	92
58) Fluorene	15.51	166	2253509	40.206 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	611817	46.049 ng	96
60) Diethylphthalate	15.29	149	2273692	36.855 ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1187866	40.027 ng	95
62) 4-Nitroaniline	15.53	138	491752	34.202 ng	95
63) Azobenzene	15.80	77	2124362	35.918 ng	95
65) 4,6-Dinitro-2-methylphenol	15.59	198	264295	43.909 ng	90
66) n-Nitrosodiphenylamine	15.72	169	1931408	44.652 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	690960	43.433 ng	93
68) Hexachlorobenzene	16.50	284	799288	43.026 ng	95
69) Atrazine	16.67	200	596798	46.229 ng	99
70) Pentachlorophenol	16.85	266	898839	101.423 ng	98
71) Phenanthrene	17.24	178	3212580	41.945 ng	99
72) Anthracene	17.34	178	3271897	42.683 ng	99
73) Carbazole	17.61	167	2884071	41.460 ng	99
74) Di-n-butylphthalate	18.17	149	3353478	37.136 ng	100
75) Fluoranthene	19.26	202	3460560	40.630 ng	99
77) Benzidine	19.44	184	779554	21.247 ng	99
78) Pyrene	19.62	202	3522301	37.907 ng	100
80) Butylbenzylphthalate	20.52	149	1368567	34.852 ng	95
81) Benzo(a)anthracene	21.37	228	3391919	40.226 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	772907	25.031 ng	98
83) Chrysene	21.42	228	3327984	41.520 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1895695	33.216 ng	100
85) Di-n-octyl phthalate	22.19	149	3246162	35.826 ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4940494	60.249 ng	98
88) Benzo(b)fluoranthene	22.98	252	3939309	41.068 ng	99
89) Benzo(k)fluoranthene	23.03	252	3709765	39.575 ng	99
90) Benzo(a)pyrene	23.57	252	3819391	43.898 ng	99
91) Dibenzo(a,h)anthracene	26.00	278	4174020	49.449 ng	99
92) Benzo(g,h,i)perylene	26.70	276	4003874	51.067 ng	98

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

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