Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
Data File : BM018880.D
Acq On : 20 Feb 2019 12:38
Operator : JU/SJ
Sample : K1528-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1MS

Quant Time: Feb 20 13:56:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	260701	20.00	ng		-0.01
21) Naphthalene-d8	10.49	136	1138146	20.00	ng		-0.01
39) Acenaphthene-d10	14.35	164	687741	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1607024	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1695984	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1529467	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	729457	45.85	ng		0.00
7) Phenol-d6	6.87	99	638811	28.50	ng		-0.01
23) Nitrobenzene-d5	8.87	82	1784538	72.50	ng		-0.01
42) 2,4,6-Tribromophenol	15.85	330	1124617	113.44	ng		-0.01
45) 2-Fluorobiphenyl	12.97	172	3663634	70.72	ng		-0.01
79) Terphenyl-d14	19.74	244	6171372	75.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	71796	10.360	ng	#	90
3) Pyridine	3.66	79	128123	6.778	ng		95
4) n-Nitrosodimethylamine	3.58	42	59050	12.279	ng	#	85
6) Aniline	7.05	93	452868	16.490	ng		100
8) 2-Chlorophenol	7.27	128	445825	25.521	ng		98
9) Benzaldehyde	6.85	77	1681086	Below Cal		#	1
10) Phenol	6.90	94	229145	9.716	ng	#	69
11) bis(2-Chloroethyl)ether	7.15	93	532089	29.575	ng		99
12) 1,3-Dichlorobenzene	7.59	146	557901	28.402	ng		100
13) 1,4-Dichlorobenzene	7.74	146	577347	28.871	ng		99
14) 1,2-Dichlorobenzene	8.05	146	567203	29.528	ng		98
15) Benzyl Alcohol	7.96	79	337842	18.969	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	545672	31.337	ng	#	1
17) 2-Methylphenol	8.15	107	337179	22.462	ng		99
18) Hexachloroethane	8.79	117	1277321	174.975	ng	#	1
19) n-Nitroso-di-n-propylamine	8.51	70	541271	31.188	ng		99
20) 3+4-Methylphenols	8.47	107	435074	20.989	ng		88
22) Acetophenone	8.53	105	920339	29.446	ng	#	99
24) Nitrobenzene	8.91	77	761899	29.820	ng		100
25) Isophorone	9.43	82	1401706	35.689	ng		100
26) 2-Nitrophenol	9.62	139	295684	29.060	ng		97
27) 2,4-Dimethylphenol	9.67	122	471277	31.712	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	821200	32.334	ng		100
29) 2,4-Dichlorophenol	10.15	162	500694	29.342	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	573369	29.095	ng		99
31) Naphthalene	10.55	128	17460269	314.552	ng	#	93
32) Benzoic acid	9.86	122	801493	61.827	ng		94
33) 4-Chloroaniline	10.67	127	314502	12.675	ng		98
34) Hexachlorobutadiene	10.80	225	308167	26.941	ng		99
35) Caprolactam	11.50	113	636	0.091	ng	#	34
36) 4-Chloro-3-methylphenol	11.79	107	579382	28.161	ng		98
37) 2-Methylnaphthalene	12.16	142	4590720	117.466	ng		99
38) 1-Methylnaphthalene	12.38	142	2567103	67.173	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	627444	28.520	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	643799	57.236	ng		99
43) 2,4,6-Trichlorophenol	12.77	196	439618	30.185	ng		100
44) 2,4,5-Trichlorophenol	12.85	196	474263	31.068	ng		98
46) 1,1'-Biphenyl	13.18	154	1771796	29.929	ng		100
47) 2-Chloronaphthalene	13.22	162	1364070	29.832	ng		98
48) 2-Nitroaniline	13.45	65	510429	33.612	ng		99
49) Acenaphthylene	14.07	152	2283270	33.536	ng		100
50) Dimethylphthalate	13.82	163	1820356	31.760	ng		99
51) 2,6-Dinitrotoluene	13.95	165	401755	32.358	ng		99
52) Acenaphthene	14.42	154	1308900	31.352	ng		99
53) 3-Nitroaniline	14.28	138	184653	13.163	ng		98
54) 2,4-Dinitrophenol	14.49	184	400214	52.903	ng		99
55) Dibenzofuran	14.75	168	2164763	31.548	ng		100
56) 4-Nitrophenol	14.59	139	215893	19.278	ng		95
57) 2,4-Dinitrotoluene	14.73	165	576420	33.695	ng		99
58) Fluorene	15.40	166	1765748	33.636	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	440792	32.668	ng		98
60) Diethylphthalate	15.18	149	1895018	32.051	ng		100
61) 4-Chlorophenyl-phenylether	15.40	204	857168	29.122	ng		100
62) 4-Nitroaniline	15.44	138	368237	26.775	ng		98
63) Azobenzene	15.69	77	2060271	32.500	ng		100
65) 4,6-Dinitro-2-methylphenol	15.49	198	284346	25.201	ng		98
66) n-Nitrosodiphenylamine	15.62	169	1572435	30.970	ng		99
67) 4-Bromophenyl-phenylether	16.30	248	521737	29.005	ng		99
68) Hexachlorobenzene	16.40	284	604292	28.902	ng		99
69) Atrazine	16.57	200	513536	31.374	ng		98
70) Pentachlorophenol	16.75	266	796825	59.189	ng		100
71) Phenanthrene	17.14	178	2842400	32.912	ng		100
72) Anthracene	17.24	178	2883726	34.305	ng		99
73) Carbazole	17.52	167	2759574	31.422	ng		100
74) Di-n-butylphthalate	18.07	149	3455381	34.211	ng		100
75) Fluoranthene	19.17	202	3358900	33.669	ng		99
77) Benzidine	19.35	184	334	0.009	ng	#	1
78) Pyrene	19.53	202	3438449	34.908	ng		100
80) Butylbenzylphthalate	20.43	149	1718408	38.280	ng		97
81) Benzo(a)anthracene	21.28	228	3331805	33.702	ng		100
82) 3,3'-Dichlorobenzidine	21.23	252	89689	2.295	ng	#	97
83) Chrysene	21.33	228	3133394	33.067	ng		100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2457961	37.410	ng		98
85) Di-n-octyl phthalate	22.09	149	4216758	38.186	ng		99
86) Indeno(1,2,3-cd)pyrene	25.84	276	3037299	27.763	ng		99
88) Benzo(b)fluoranthene	22.87	252	3064933	35.025	ng		99
89) Benzo(k)fluoranthene	22.92	252	3116657	35.775	ng		99
90) Benzo(a)pyrene	23.45	252	2850911	34.391	ng		99
91) Dibenzo(a,h)anthracene	25.85	278	2590308	31.539	ng		99
92) Benzo(g,h,i)perylene	26.53	276	2391029	31.271	ng		99

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

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