Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018939.D
Acq On : 26 Feb 2019 21:01
Operator : JU/SJ
Sample : K1610-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 27 00:54:47 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

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Manual Integrations APPROVED
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2/27/2019 4:20:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	307272	20.00	ng		-0.02
21) Naphthalene-d8	10.48	136	1113408	20.00	ng		-0.02
39) Acenaphthene-d10	14.34	164	503093	20.00	ng		-0.02
64) Phenanthrene-d10	17.10	188	953714	20.00	ng		-0.02
76) Chrysene-d12	21.29	240	1073016	20.00	ng		-0.02
87) Perylene-d12	23.54	264	1186312	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2386017	127.23	ng		-0.02
7) Phenol-d6	6.87	99	3131018	118.51	ng		-0.01
23) Nitrobenzene-d5	8.86	82	1995368	82.87	ng		-0.02
42) 2,4,6-Tribromophenol	15.84	330	762345	105.12	ng		-0.02
45) 2-Fluorobiphenyl	12.96	172	1881362	49.64	ng		-0.02
79) Terphenyl-d14	19.73	244	2431002	46.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	284940	34.885	ng		97
3) Pyridine	3.64	79	861636	38.673	ng		99
4) n-Nitrosodimethylamine	3.56	42	274899	48.501	ng		90
6) Aniline	7.04	93	1141157	35.254	ng		99
8) 2-Chlorophenol	7.26	128	847647	41.168	ng		98
9) Benzaldehyde	6.85	77	462788	29.892	ng		99
10) Phenol	6.90	94	1163206	41.845	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	829967	39.140	ng		99
12) 1,3-Dichlorobenzene	7.58	146	915970	39.563	ng		99
13) 1,4-Dichlorobenzene	7.73	146	933856	39.621	ng		99
14) 1,2-Dichlorobenzene	8.04	146	887723	39.210	ng		100
15) Benzyl Alcohol	7.95	79	796300	37.933	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.22	45	799574	38.959	ng		98
17) 2-Methylphenol	8.14	107	686802	38.819	ng		96
18) Hexachloroethane	8.76	117	339371	39.443	ng		98
19) n-Nitroso-di-n-propylamine	8.50	70	726031	35.493	ng		99
20) 3+4-Methylphenols	8.47	107	912271	37.341	ng		99
22) Acetophenone	8.52	105	1218604	39.855	ng	#	99
24) Nitrobenzene	8.90	77	1054044	42.171	ng		100
25) Isophorone	9.42	82	1704754	44.370	ng		100
26) 2-Nitrophenol	9.60	139	425016	42.699	ng		99
27) 2,4-Dimethylphenol	9.66	122	679577	46.744	ng		100
28) bis(2-Chloroethoxy)methane	9.90	93	1021940	41.132	ng		99
29) 2,4-Dichlorophenol	10.13	162	676703	40.538	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	785861	40.764	ng		99
31) Naphthalene	10.53	128	2397064	44.143	ng		100
32) Benzoic acid	9.77	122	95730	7.549	ng		93
33) 4-Chloroaniline	10.66	127	479378	19.749	ng		99
34) Hexachlorobutadiene	10.79	225	443143	39.602	ng		99
35) Caprolactam	11.47	113	180651m	26.517	ng		
36) 4-Chloro-3-methylphenol	11.78	107	704614	35.009	ng		99
37) 2-Methylnaphthalene	12.15	142	1592712	41.659	ng		99
38) 1-Methylnaphthalene	12.37	142	1489821	39.850	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	723003	44.925	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	424772	51.624	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	476405	44.717	ng	99
44) 2,4,5-Trichlorophenol	12.84	196	483337	43.284	ng	98
46) 1,1'-Biphenyl	13.17	154	1875829	43.316	ng	99
47) 2-Chloronaphthalene	13.22	162	1452960	43.439	ng	99
48) 2-Nitroaniline	13.44	65	474306	42.696	ng	100
49) Acenaphthylene	14.07	152	2232824	44.831	ng	99
50) Dimethylphthalate	13.81	163	1841985	43.932	ng	99
51) 2,6-Dinitrotoluene	13.94	165	362303	39.890	ng	98
52) Acenaphthene	14.41	154	1307909	42.827	ng	99
53) 3-Nitroaniline	14.27	138	271825	26.488	ng	99
54) 2,4-Dinitrophenol	14.49	184	118357	24.820	ng	97
55) Dibenzofuran	14.74	168	2009817	40.039	ng	100
56) 4-Nitrophenol	14.59	139	572085	69.834	ng	99
57) 2,4-Dinitrotoluene	14.73	165	470301	37.582	ng	95
58) Fluorene	15.40	166	1597426	41.598	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	389135	39.425	ng	99
60) Diethylphthalate	15.17	149	1582575	36.591	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	766767	35.612	ng	98
62) 4-Nitroaniline	15.44	138	319476	31.755	ng	97
63) Azobenzene	15.69	77	1756034	37.867	ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	140124	20.926	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1294669	42.967	ng	98
67) 4-Bromophenyl-phenylether	16.29	248	432225	40.489	ng	96
68) Hexachlorobenzene	16.39	284	492728	39.710	ng	99
69) Atrazine	16.57	200	366685	37.748	ng	99
70) Pentachlorophenol	16.74	266	617269	77.261	ng	99
71) Phenanthrene	17.14	178	2356002	45.967	ng	100
72) Anthracene	17.23	178	2306292	46.230	ng	100
73) Carbazole	17.51	167	2062271	39.568	ng	99
74) Di-n-butylphthalate	18.06	149	2394355	39.945	ng	100
75) Fluoranthene	19.16	202	2661697	44.957	ng	99
77) Benzidine	19.36	184	2031310	84.057	ng	100
78) Pyrene	19.53	202	2722278	43.683	ng	99
80) Butylbenzylphthalate	20.43	149	1181741	41.608	ng	100
81) Benzo(a)anthracene	21.27	228	2750998	43.982	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1011612	40.923	ng	99
83) Chrysene	21.33	228	2586714	43.147	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	1849317	44.488	ng	98
85) Di-n-octyl phthalate	22.07	149	3067920	43.912	ng	99
86) Indeno(1,2,3-cd)pyrene	25.83	276	3640226	52.592	ng	100
88) Benzo(b)fluoranthene	22.86	252	2990311	44.057	ng	100
89) Benzo(k)fluoranthene	22.91	252	2885068	42.696	ng	99
90) Benzo(a)pyrene	23.44	252	2904919	45.179	ng	100
91) Dibenzo(a,h)anthracene	25.84	278	3079011	48.334	ng	99
92) Benzo(g,h,i)perylene	26.53	276	3012755	50.800	ng	99

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

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