Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019185.D
Acq On : 15 Mar 2019 14:23
Operator : JU/SJ
Sample : K1905-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200052MS

Manual Integrations APPROVED
Sohil
3/18/2019 3:04:25 PM

Quant Time: Mar 16 02:09:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	193235	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	894345	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	570801	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1309280	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1305821	20.00	ng	0.00
87) Perylene-d12	23.50	264	1140126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1568142	131.42	ng	0.00
7) Phenol-d6	6.84	99	2393297	137.13	ng	0.00
23) Nitrobenzene-d5	8.83	82	1456010	76.96	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1081593	128.34	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3137394	71.50	ng	-0.01
79) Terphenyl-d14	19.70	244	5003199	76.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	141058	26.575	ng	99
3) Pyridine	3.62	79	408942	28.318	ng	98
4) n-Nitrosodimethylamine	3.53	42	130445	29.056	ng	90
6) Aniline	7.00	93	554836	24.623	ng	98
8) 2-Chlorophenol	7.22	128	520293	36.286	ng	98
9) Benzaldehyde	6.82	77	206890	18.846	ng	100
10) Phenol	6.87	94	885241	47.064	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	467492	32.572	ng	98
12) 1,3-Dichlorobenzene	7.54	146	483457	31.861	ng	99
13) 1,4-Dichlorobenzene	7.69	146	496259	32.079	ng	98
14) 1,2-Dichlorobenzene	8.00	146	487185	32.369	ng	99
15) Benzyl Alcohol	7.91	79	514398	35.612	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	466063	31.802	ng	99
17) 2-Methylphenol	8.10	107	477002	38.917	ng	99
18) Hexachloroethane	8.71	117	178301	31.017	ng	97
19) n-Nitroso-di-n-propylamine	8.46	70	471122	32.903	ng	99
20) 3+4-Methylphenols	8.43	107	656470	39.457	ng	99
22) Acetophenone	8.49	105	780551	31.581	ng	99
24) Nitrobenzene	8.87	77	665441	33.818	ng	100
25) Isophorone	9.39	82	1223452	33.889	ng	100
26) 2-Nitrophenol	9.57	139	288041	35.315	ng	98
27) 2,4-Dimethylphenol	9.63	122	528388	43.577	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	720728	33.715	ng	99
29) 2,4-Dichlorophenol	10.09	162	542449	40.393	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	515917	34.070	ng	99
31) Naphthalene	10.49	128	1600484	33.953	ng	100
32) Benzoic acid	9.76	122	118292	11.519	ng	98
33) 4-Chloroaniline	10.62	127	410248	21.231	ng	99
34) Hexachlorobutadiene	10.75	225	271131	31.201	ng	98
35) Caprolactam	11.45	113	182180m	38.083	ng	
36) 4-Chloro-3-methylphenol	11.75	107	646418	39.011	ng	99
37) 2-Methylnaphthalene	12.11	142	1232163	35.971	ng	99
38) 1-Methylnaphthalene	12.33	142	1180729	34.971	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	594022	32.899	ng	99

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QLast Update : Mon Mar 11 17:30:46 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	525938	64.306 ng	98
43) 2,4,6-Trichlorophenol	12.73	196	452443	38.775 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	479217	38.407 ng	98
46) 1,1'-Biphenyl	13.13	154	1635547	32.810 ng	100
47) 2-Chloronaphthalene	13.18	162	1284113	34.511 ng	99
48) 2-Nitroaniline	13.41	65	457698	36.678 ng	98
49) Acenaphthylene	14.03	152	2118004	33.665 ng	100
50) Dimethylphthalate	13.78	163	1894910	38.807 ng	99
51) 2,6-Dinitrotoluene	13.91	165	373777	35.411 ng	97
52) Acenaphthene	14.37	154	1232183	34.084 ng	99
53) 3-Nitroaniline	14.24	138	275908	24.680 ng	98
54) 2,4-Dinitrophenol	14.46	184	257276	41.970 ng	97
55) Dibenzofuran	14.71	168	2012944	34.527 ng	100
56) 4-Nitrophenol	14.56	139	629154	68.927 ng	97
57) 2,4-Dinitrotoluene	14.70	165	536202	34.995 ng	99
58) Fluorene	15.36	166	1645751	34.247 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	440876	37.954 ng	99
60) Diethylphthalate	15.14	149	1718124	34.742 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	810397	34.721 ng	99
62) 4-Nitroaniline	15.42	138	349807	31.048 ng	98
63) Azobenzene	15.65	77	1823348	35.038 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	230749	26.895 ng	99
66) n-Nitrosodiphenylamine	15.59	169	1457250	34.960 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	490002	33.938 ng	97
68) Hexachlorobenzene	16.36	284	576527	33.587 ng	98
69) Atrazine	16.54	200	505333	36.014 ng	99
70) Pentachlorophenol	16.72	266	697382	67.433 ng	100
71) Phenanthrene	17.11	178	2579838	33.617 ng	100
72) Anthracene	17.20	178	2626743	34.964 ng	99
73) Carbazole	17.48	167	2414350	34.049 ng	99
74) Di-n-butylphthalate	18.03	149	3045517	35.519 ng	99
75) Fluoranthene	19.13	202	3082867	35.009 ng	99
77) Benzidine	19.33	184	1662785	44.899 ng	100
78) Pyrene	19.50	202	3097871	37.495 ng	100
80) Butylbenzylphthalate	20.40	149	1419989	39.459 ng	98
81) Benzo(a)anthracene	21.25	228	2737108	33.411 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	791276	25.073 ng	98
83) Chrysene	21.30	228	2634638	33.243 ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2098657	40.086 ng	100
85) Di-n-octyl phthalate	22.04	149	3531152	40.055 ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2561185	30.020 ng	100
88) Benzo(b)fluoranthene	22.83	252	2587241	35.021 ng	100
89) Benzo(k)fluoranthene	22.87	252	2480348	36.502 ng	99
90) Benzo(a)pyrene	23.40	252	2343721	35.302 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2188777	34.464 ng	100
92) Benzo(g,h,i)perylene	26.46	276	2051030	35.176 ng	100

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

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