Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020747.D
Acq On : 05 Jun 2019 21:36
Operator : HP/JU
Sample : IDOC-02-RC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 06 03:41:13 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

Instrument :
BNA_M
ClientSampleId :
IDOC-02-RC

Manual Integrations APPROVED
mohammad
6/6/2019 11:22:02 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	361135	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1430137	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	753553	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1415592	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1150995	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1278013	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2871999	139.89	ng	-0.01
7) Phenol-d6	6.99	99	3766890	124.61	ng	0.00
23) Nitrobenzene-d5	8.99	82	2257276	81.78	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1291102	138.29	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	5082808	89.67	ng	-0.01
79) Terphenyl-d14	19.83	244	5557485	80.76	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	328291	39.057	ng	95
3) Pyridine	3.74	79	937764	35.066	ng	96
4) n-Nitrosodimethylamine	3.66	42	429533	37.259	ng	92
6) Aniline	7.16	93	1355632	30.993	ng	98
8) 2-Chlorophenol	7.39	128	1123613	43.994	ng	99
9) Benzaldehyde	6.97	77	331645	15.160	ng	96
10) Phenol	7.02	94	1376846	42.264	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	998283	38.451	ng	96
12) 1,3-Dichlorobenzene	7.71	146	1158694	39.475	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1189366	39.858	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1139938	39.255	ng	99
15) Benzyl Alcohol	8.06	79	995296	37.217	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1342439	33.491	ng	98
17) 2-Methylphenol	8.26	107	920390	40.178	ng	98
18) Hexachloroethane	8.89	117	429801	37.620	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	831032	34.199	ng	95
20) 3+4-Methylphenols	8.59	107	1215089	38.986	ng	97
22) Acetophenone	8.65	105	1557179	42.861	ng	96
24) Nitrobenzene	9.03	77	1215425	43.133	ng	98
25) Isophorone	9.55	82	2157167	39.288	ng	99
26) 2-Nitrophenol	9.73	139	540279	51.445	ng	97
27) 2,4-Dimethylphenol	9.79	122	985916	50.100	ng	97
28) bis(2-Chloroethoxy)methane	10.03	93	1333928	40.181	ng	100
29) 2,4-Dichlorophenol	10.26	162	1020813	46.885	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1124240	44.907	ng	99
31) Naphthalene	10.66	128	3205735	43.590	ng	100
32) Benzoic acid	9.93	122	554153m	45.087	ng	
33) 4-Chloroaniline	10.77	127	546351	15.963	ng	97
34) Hexachlorobutadiene	10.94	225	654108	43.545	ng	100
35) Caprolactam	11.57	113	275730m	36.454	ng	
36) 4-Chloro-3-methylphenol	11.89	107	1021419	40.350	ng	99
37) 2-Methylnaphthalene	12.27	142	2333225	42.802	ng	99
38) 1-Methylnaphthalene	12.49	142	2196412	42.316	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1223027	49.526	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1534003	103.865 ng	100
43) 2,4,6-Trichlorophenol	12.88	196	766640	48.230 ng	99
44) 2,4,5-Trichlorophenol	12.95	196	810959	49.417 ng	96
46) 1,1'-Biphenyl	13.29	154	2898685	46.059 ng	99
47) 2-Chloronaphthalene	13.33	162	2238800	44.076 ng	98
48) 2-Nitroaniline	13.54	65	607669	38.117 ng	93
49) Acenaphthylene	14.18	152	3471187	43.798 ng	100
50) Dimethylphthalate	13.92	163	2623116	40.744 ng	100
51) 2,6-Dinitrotoluene	14.04	165	564670	43.196 ng	92
52) Acenaphthene	14.52	154	2014066	42.644 ng	98
53) 3-Nitroaniline	14.37	138	361557	24.780 ng	93
54) 2,4-Dinitrophenol	14.57	184	470958	83.404 ng	91
55) Dibenzofuran	14.86	168	3168872	43.199 ng	98
56) 4-Nitrophenol	14.67	139	858547	79.849 ng	92
57) 2,4-Dinitrotoluene	14.83	165	728217	41.605 ng	91
58) Fluorene	15.51	166	2479725	41.107 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	675334	47.227 ng	95
60) Diethylphthalate	15.29	149	2520327	37.958 ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1330392	41.653 ng	94
62) 4-Nitroaniline	15.53	138	523196	33.810 ng	94
63) Azobenzene	15.80	77	2357681	37.038 ng	95
65) 4,6-Dinitro-2-methylphenol	15.59	198	286738	45.157 ng	93
66) n-Nitrosodiphenylamine	15.72	169	2108120	46.520 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	766545	45.991 ng	93
68) Hexachlorobenzene	16.50	284	881167	45.275 ng	94
69) Atrazine	16.67	200	667482	49.352 ng	100
70) Pentachlorophenol	16.85	266	979309	105.475 ng	99
71) Phenanthrene	17.24	178	3469843	43.243 ng	100
72) Anthracene	17.33	178	3548485	44.184 ng	100
73) Carbazole	17.61	167	2998935	41.149 ng	99
74) Di-n-butylphthalate	18.17	149	3653586	38.619 ng	99
75) Fluoranthene	19.26	202	3630587	40.686 ng	99
77) Benzidine	19.45	184	1520250	43.590 ng	99
78) Pyrene	19.62	202	3647905	41.301 ng	100
80) Butylbenzylphthalate	20.52	149	1376298	36.872 ng	96
81) Benzo(a)anthracene	21.37	228	3277868	40.895 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1009032	34.378 ng	99
83) Chrysene	21.42	228	3252624	42.690 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1916802	35.333 ng	99
85) Di-n-octyl phthalate	22.19	149	3084976	35.818 ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4599981	59.014 ng	98
88) Benzo(b)fluoranthene	22.98	252	3579303	42.374 ng	99
89) Benzo(k)fluoranthene	23.03	252	3486909	42.241 ng	99
90) Benzo(a)pyrene	23.57	252	3536027	46.152 ng	99
91) Dibenzo(a,h)anthracene	26.01	278	3848204	51.770 ng	98
92) Benzo(g,h,i)perylene	26.70	276	3755198	54.389 ng	98

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

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