Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020607.D
Acq On : 29 May 2019 19:48
Operator : JU/SJ
Sample : K2746-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP-5.8.19MS

Manual Integrations APPROVED
mohammad
5/30/2019 8:16:35 AM

Quant Time: May 30 02:30:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	59594	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	205699	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	142904	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	365329	20.00	ng	0.00
76) Chrysene-d12	21.24	240	449559	20.00	ng	0.00
87) Perylene-d12	23.46	264	497182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	408497	134.48	ng	0.00
7) Phenol-d6	6.80	99	546344	119.16	ng	0.00
23) Nitrobenzene-d5	8.80	82	379876	77.51	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	336987	117.70	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	830209	72.90	ng	0.00
79) Terphenyl-d14	19.67	244	1679659	67.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	59504	37.433	ng	97
3) Pyridine	3.53	79	140688	30.344	ng	97
4) n-Nitrosodimethylamine	3.46	42	44423	39.407	ng	90
6) Aniline	6.97	93	114183	17.216	ng	98
8) 2-Chlorophenol	7.19	128	145567	39.189	ng	95
9) Benzaldehyde	6.79	77	46724m	15.963	ng	
10) Phenol	6.83	94	199919	40.379	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	126409	34.213	ng	97
12) 1,3-Dichlorobenzene	7.51	146	165623	34.817	ng	97
13) 1,4-Dichlorobenzene	7.66	146	164013	34.494	ng	99
14) 1,2-Dichlorobenzene	7.97	146	167686	35.177	ng	100
15) Benzyl Alcohol	7.88	79	133997	31.583	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	83038	32.246	ng	93
17) 2-Methylphenol	8.07	107	112932	34.550	ng	96
18) Hexachloroethane	8.68	117	69940	36.311	ng	94
19) n-Nitroso-di-n-propylamine	8.43	70	131961	32.413	ng	98
20) 3+4-Methylphenols	8.40	107	146428	33.405	ng	95
22) Acetophenone	8.46	105	212541	37.523	ng	100
24) Nitrobenzene	8.84	77	195190	40.329	ng	95
25) Isophorone	9.36	82	353711	38.789	ng	98
26) 2-Nitrophenol	9.54	139	66664	37.329	ng	96
27) 2,4-Dimethylphenol	9.60	122	110170	41.413	ng	99
28) bis(2-Chloroethoxy)methane	9.84	93	167935	35.377	ng	99
29) 2,4-Dichlorophenol	10.07	162	142309	40.220	ng	96
30) 1,2,4-Trichlorobenzene	10.27	180	193182	39.931	ng	97
31) Naphthalene	10.46	128	417194	39.280	ng	99
32) Benzoic acid	9.72	122	14093m	16.330	ng	
33) 4-Chloroaniline	10.60	127	68044m	16.051	ng	
34) Hexachlorobutadiene	10.72	225	150866	41.943	ng	98
35) Caprolactam	11.41	113	35769m	30.716	ng	
36) 4-Chloro-3-methylphenol	11.72	107	139313	36.182	ng	99
37) 2-Methylnaphthalene	12.09	142	305750	37.682	ng	98
38) 1-Methylnaphthalene	12.30	142	296234	37.681	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	253460	42.192	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	105903	40.542 ng	98
43) 2,4,6-Trichlorophenol	12.71	196	146725	39.468 ng	98
44) 2,4,5-Trichlorophenol	12.79	196	140527	40.479 ng	98
46) 1,1'-Biphenyl	13.11	154	422778	38.413 ng	98
47) 2-Chloronaphthalene	13.16	162	351717	37.698 ng	98
48) 2-Nitroaniline	13.39	65	85246	31.289 ng	93
49) Acenaphthylene	14.01	152	526861	37.133 ng	99
50) Dimethylphthalate	13.76	163	534310	42.212 ng	100
51) 2,6-Dinitrotoluene	13.89	165	97987	37.142 ng	94
52) Acenaphthene	14.35	154	316762	37.047 ng	98
53) 3-Nitroaniline	14.23	138	42403	21.517 ng	94
54) 2,4-Dinitrophenol	14.45	184	51447	36.779 ng	97
55) Dibenzofuran	14.69	168	564803	38.173 ng	99
56) 4-Nitrophenol	14.55	139	104928	62.297 ng	97
57) 2,4-Dinitrotoluene	14.68	165	134502	35.305 ng	91
58) Fluorene	15.34	166	445502	36.247 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	168420	41.693 ng	98
60) Diethylphthalate	15.12	149	444318	35.628 ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	290220	36.987 ng	100
62) 4-Nitroaniline	15.40	138	56180m	25.334 ng	
63) Azobenzene	15.63	77	453422	37.364 ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	62117	29.633 ng	96
66) n-Nitrosodiphenylamine	15.56	169	388589	39.229 ng	99
67) 4-Bromophenyl-phenylether	16.23	248	184618	37.934 ng	98
68) Hexachlorobenzene	16.33	284	228413	38.709 ng	99
69) Atrazine	16.52	200	149694	36.729 ng	99
70) Pentachlorophenol	16.69	266	277415	91.017 ng	98
71) Phenanthrene	17.09	178	739493	37.260 ng	100
72) Anthracene	17.17	178	693557	36.035 ng	99
73) Carbazole	17.46	167	588319	35.618 ng	99
74) Di-n-butylphthalate	18.00	149	730664	35.960 ng	99
75) Fluoranthene	19.10	202	1030805	37.350 ng	100
77) Benzidine	19.32	184	116980m	14.159 ng	
78) Pyrene	19.47	202	1041728	36.910 ng	99
80) Butylbenzylphthalate	20.37	149	340594	34.346 ng	100
81) Benzo(a)anthracene	21.23	228	1105428	35.528 ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	336244	29.608 ng	100
83) Chrysene	21.28	228	1129405	37.565 ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	506905	35.072 ng	98
85) Di-n-octyl phthalate	22.02	149	894625	35.605 ng	99
86) Indeno(1,2,3-cd)pyrene	25.72	276	1516135	41.707 ng	99
88) Benzo(b)fluoranthene	22.80	252	1203869	36.995 ng	99
89) Benzo(k)fluoranthene	22.84	252	1266544	40.103 ng	99
90) Benzo(a)pyrene	23.37	252	1183955	39.538 ng	99
91) Dibenzo(a,h)anthracene	25.73	278	1292667	42.171 ng	98
92) Benzo(g,h,i)perylene	26.41	276	1248879	43.952 ng	99

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

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