Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020238.D
Acq On : 10 May 2019 12:51
Operator : JU/SJ
Sample : PB119565BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119565BS

Manual Integrations APPROVED
mohammad
5/13/2019 8:25:01 AM

Quant Time: May 11 02:00:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	64975	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	283852	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	196690	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	511678	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	560312	20.00	ng		-0.01
87) Perylene-d12	23.64	264	578195	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	637549	160.39	ng		-0.01
7) Phenol-d6	6.95	99	899589	165.66	ng		0.00
23) Nitrobenzene-d5	8.95	82	523098	72.76	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	466790	152.90	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1148445	71.84	ng		-0.02
79) Terphenyl-d14	19.80	244	2432546	75.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	60057	30.806	ng		98
3) Pyridine	3.69	79	164555	33.003	ng		96
4) n-Nitrosodimethylamine	3.61	42	55031	34.419	ng	#	66
6) Aniline	7.11	93	251249	36.754	ng		99
8) 2-Chlorophenol	7.34	128	196758	45.460	ng		99
9) Benzaldehyde	6.93	77	121032	29.447	ng		95
10) Phenol	6.97	94	278961	47.718	ng		91
11) bis(2-Chloroethyl)ether	7.21	93	181516	42.720	ng		95
12) 1,3-Dichlorobenzene	7.66	146	186718	37.078	ng		96
13) 1,4-Dichlorobenzene	7.81	146	193362	38.010	ng		95
14) 1,2-Dichlorobenzene	8.12	146	189172	39.032	ng		99
15) Benzyl Alcohol	8.02	79	221227	42.248	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.29	45	140484	39.873	ng		98
17) 2-Methylphenol	8.22	107	182761	48.564	ng		95
18) Hexachloroethane	8.84	117	75490	35.589	ng		99
19) n-Nitroso-di-n-propylamine	8.58	70	193378	41.623	ng		94
20) 3+4-Methylphenols	8.55	107	247063	49.397	ng		95
22) Acetophenone	8.60	105	301749	38.897	ng	#	96
24) Nitrobenzene	8.99	77	277152	37.179	ng		95
25) Isophorone	9.50	82	499453	40.283	ng		98
26) 2-Nitrophenol	9.69	139	106726	47.422	ng		89
27) 2,4-Dimethylphenol	9.74	122	191922	51.223	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	274003	40.577	ng		99
29) 2,4-Dichlorophenol	10.22	162	211885	44.847	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	218767	37.631	ng		98
31) Naphthalene	10.62	128	574653	39.012	ng		99
32) Benzoic acid	9.90	122	120360	45.541	ng		93
33) 4-Chloroaniline	10.74	127	162291	26.769	ng		95
34) Hexachlorobutadiene	10.88	225	138208	33.607	ng		96
35) Caprolactam	11.55	113	73286m	51.876	ng		
36) 4-Chloro-3-methylphenol	11.86	107	246230	44.349	ng		98
37) 2-Methylnaphthalene	12.23	142	459160	42.757	ng		96
38) 1-Methylnaphthalene	12.45	142	439717	41.874	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	275591	35.813	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	333238	73.546	ng		96
43) 2,4,6-Trichlorophenol	12.85	196	196078	44.834	ng		97
44) 2,4,5-Trichlorophenol	12.92	196	210197	43.023	ng		97
46) 1,1'-Biphenyl	13.25	154	619432	38.261	ng		99
47) 2-Chloronaphthalene	13.29	162	493825	38.204	ng		99
48) 2-Nitroaniline	13.51	65	185864	40.389	ng		91
49) Acenaphthylene	14.15	152	795293	38.445	ng		99
50) Dimethylphthalate	13.88	163	668452	39.986	ng		100
51) 2,6-Dinitrotoluene	14.01	165	146838	41.704	ng		90
52) Acenaphthene	14.49	154	462326	38.972	ng		98
53) 3-Nitroaniline	14.35	138	106966	32.732	ng		97
54) 2,4-Dinitrophenol	14.55	184	193901	106.772	ng		89
55) Dibenzofuran	14.82	168	789186	39.440	ng		97
56) 4-Nitrophenol	14.65	139	247446	88.748	ng		85
57) 2,4-Dinitrotoluene	14.80	165	211198	44.143	ng		92
58) Fluorene	15.47	166	656248	39.933	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	207485	44.689	ng		97
60) Diethylphthalate	15.24	149	675103	40.084	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	369178	39.648	ng		96
62) 4-Nitroaniline	15.51	138	149721m	41.515	ng		
63) Azobenzene	15.76	77	732981	36.890	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	120045	46.722	ng		96
66) n-Nitrosodiphenylamine	15.69	169	586347	38.943	ng		98
67) 4-Bromophenyl-phenylether	16.36	248	230925	36.804	ng		98
68) Hexachlorobenzene	16.46	284	268335	37.164	ng		98
69) Atrazine	16.64	200	225276	38.286	ng		98
70) Pentachlorophenol	16.82	266	355786	86.122	ng		96
71) Phenanthrene	17.22	178	1084726	38.404	ng		99
72) Anthracene	17.30	178	1113316	39.423	ng		99
73) Carbazole	17.58	167	986490	38.714	ng		99
74) Di-n-butylphthalate	18.13	149	1193597	38.923	ng		98
75) Fluoranthene	19.23	202	1403265	39.266	ng		99
77) Benzidine	19.43	184	608142	33.949	ng		99
78) Pyrene	19.60	202	1440471	38.291	ng		99
80) Butylbenzylphthalate	20.49	149	581699	42.521	ng		98
81) Benzo(a)anthracene	21.34	228	1472612	37.476	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	496119	33.080	ng		99
83) Chrysene	21.40	228	1462385	38.374	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	855623	40.306	ng		100
85) Di-n-octyl phthalate	22.15	149	1502183	42.576	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1795177	39.603	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1615999	42.325	ng		100
89) Benzo(k)fluoranthene	23.00	252	1516390	43.539	ng		99
90) Benzo(a)pyrene	23.55	252	1534724	44.253	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1555578	43.131	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1450059	42.348	ng		99

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

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