Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020236.D
Acq On : 10 May 2019 11:39
Operator : JU/SJ
Sample : PB119288BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Manual Integrations APPROVED
mohammad
5/13/2019 8:24:55 AM

Quant Time: May 11 01:57:26 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	64937	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	274281	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	190874	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	499448	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	562049	20.00	ng		0.00
87) Perylene-d12	23.65	264	587221	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	614458	154.67	ng		-0.01
7) Phenol-d6	6.95	99	876565	161.51	ng		0.00
23) Nitrobenzene-d5	8.95	82	507426	73.04	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	458611	154.79	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1113436	71.77	ng		-0.02
79) Terphenyl-d14	19.80	244	2395218	74.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	59377	30.475	ng		94
3) Pyridine	3.69	79	166428	33.399	ng		97
4) n-Nitrosodimethylamine	3.61	42	52460	32.830	ng	#	63
6) Aniline	7.11	93	245589	35.948	ng		97
8) 2-Chlorophenol	7.34	128	190905	44.133	ng		97
9) Benzaldehyde	6.93	77	116517	28.365	ng		91
10) Phenol	6.97	94	267991	45.869	ng		93
11) bis(2-Chloroethyl)ether	7.21	93	177902	41.894	ng		95
12) 1,3-Dichlorobenzene	7.66	146	183329	36.426	ng		96
13) 1,4-Dichlorobenzene	7.81	146	188002	36.978	ng		96
14) 1,2-Dichlorobenzene	8.12	146	184478	38.086	ng		96
15) Benzyl Alcohol	8.02	79	213639	40.823	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	138409	39.307	ng		100
17) 2-Methylphenol	8.22	107	178281	47.402	ng		97
18) Hexachloroethane	8.84	117	75051	35.403	ng		99
19) n-Nitroso-di-n-propylamine	8.58	70	185991	40.056	ng		97
20) 3+4-Methylphenols	8.55	107	238999	47.813	ng		96
22) Acetophenone	8.60	105	295217	39.383	ng	#	95
24) Nitrobenzene	8.99	77	266470	36.993	ng		95
25) Isophorone	9.50	82	487061	40.654	ng		99
26) 2-Nitrophenol	9.69	139	103017	47.372	ng		89
27) 2,4-Dimethylphenol	9.75	122	182311	50.356	ng		96
28) bis(2-Chloroethoxy)methane	9.99	93	264580	40.548	ng		98
29) 2,4-Dichlorophenol	10.22	162	205189	44.945	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	211594	37.668	ng		98
31) Naphthalene	10.62	128	555158	39.004	ng		99
32) Benzoic acid	9.90	122	120588	46.976	ng		91
33) 4-Chloroaniline	10.74	127	161315	27.536	ng		96
34) Hexachlorobutadiene	10.88	225	133248	33.532	ng		98
35) Caprolactam	11.55	113	71821m	52.613	ng		
36) 4-Chloro-3-methylphenol	11.86	107	240435	44.816	ng		96
37) 2-Methylnaphthalene	12.23	142	440577	42.458	ng		97
38) 1-Methylnaphthalene	12.46	142	420232	41.415	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	268536	35.960	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	324109	73.711	ng		97
43) 2,4,6-Trichlorophenol	12.85	196	189819	44.725	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	204481	43.128	ng		95
46) 1,1'-Biphenyl	13.25	154	599431	38.154	ng		98
47) 2-Chloronaphthalene	13.30	162	481523	38.387	ng		98
48) 2-Nitroaniline	13.51	65	181883	40.728	ng		94
49) Acenaphthylene	14.14	152	768642	38.288	ng		99
50) Dimethylphthalate	13.89	163	650741	40.113	ng		99
51) 2,6-Dinitrotoluene	14.01	165	144501	42.291	ng		86
52) Acenaphthene	14.49	154	449864	39.077	ng		99
53) 3-Nitroaniline	14.34	138	104363	32.909	ng		96
54) 2,4-Dinitrophenol	14.55	184	187146	106.239	ng		91
55) Dibenzofuran	14.82	168	771841	39.748	ng		96
56) 4-Nitrophenol	14.65	139	242337	89.564	ng		87
57) 2,4-Dinitrotoluene	14.80	165	205652	44.294	ng		92
58) Fluorene	15.47	166	639716	40.113	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	201008	44.613	ng		98
60) Diethylphthalate	15.24	149	660198	40.393	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	356451	39.448	ng		96
62) 4-Nitroaniline	15.52	138	146095m	41.744	ng		
63) Azobenzene	15.76	77	717789	37.226	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	118005	47.002	ng		91
66) n-Nitrosodiphenylamine	15.69	169	575755	39.176	ng		98
67) 4-Bromophenyl-phenylether	16.36	248	228815	37.360	ng		93
68) Hexachlorobenzene	16.47	284	259266	36.787	ng		96
69) Atrazine	16.63	200	220326	38.362	ng		99
70) Pentachlorophenol	16.82	266	348572	86.442	ng		98
71) Phenanthrene	17.22	178	1060576	38.469	ng		99
72) Anthracene	17.30	178	1091214	39.587	ng		99
73) Carbazole	17.58	167	983089	39.526	ng		98
74) Di-n-butylphthalate	18.13	149	1181577	39.475	ng		98
75) Fluoranthene	19.23	202	1389895	39.844	ng		99
77) Benzidine	19.43	184	625526	34.811	ng		99
78) Pyrene	19.60	202	1424423	37.748	ng		100
80) Butylbenzylphthalate	20.49	149	587531	42.815	ng		97
81) Benzo(a)anthracene	21.34	228	1453672	36.880	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	503899	33.495	ng		99
83) Chrysene	21.40	228	1450526	37.945	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	857178	40.255	ng		99
85) Di-n-octyl phthalate	22.15	149	1497837	42.322	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1816187	39.942	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1611801	41.566	ng		100
89) Benzo(k)fluoranthene	23.00	252	1523038	43.058	ng		100
90) Benzo(a)pyrene	23.55	252	1542104	43.782	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	1578920	43.105	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1468318	42.222	ng		99

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

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