Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020555.D
Acq On : 24 May 2019 23:44
Operator : JU/SJ
Sample : PB119999BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Manual Integrations APPROVED
mohammad
5/27/2019 4:00:08 AM

Quant Time: May 25 05:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	45667	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	183897	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	146179	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	427645	20.00	ng		0.00
76) Chrysene-d12	21.27	240	581497	20.00	ng		0.00
87) Perylene-d12	23.50	264	657758	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	324947	139.59	ng		0.00
7) Phenol-d6	6.84	99	489085	139.20	ng		0.00
23) Nitrobenzene-d5	8.83	82	330030	75.33	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	393928	134.51	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	885336	76.00	ng		0.00
79) Terphenyl-d14	19.70	244	2428930	75.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	39916	32.769	ng		96
3) Pyridine	3.57	79	101147	28.543	ng		99
4) n-Nitrosodimethylamine	3.50	42	27485	31.817	ng	#	90
6) Aniline	7.00	93	127695	25.125	ng		99
8) 2-Chlorophenol	7.23	128	118146	41.507	ng		97
9) Benzaldehyde	6.82	77	70290	31.337	ng		98
10) Phenol	6.87	94	161040	42.446	ng		95
11) bis(2-Chloroethyl)ether	7.10	93	93880	33.158	ng		99
12) 1,3-Dichlorobenzene	7.55	146	120990	33.191	ng		99
13) 1,4-Dichlorobenzene	7.69	146	119640	32.835	ng		99
14) 1,2-Dichlorobenzene	8.00	146	124063	33.963	ng		95
15) Benzyl Alcohol	7.92	79	114835	35.321	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	65346	33.115	ng		89
17) 2-Methylphenol	8.11	107	99704	39.806	ng		95
18) Hexachloroethane	8.72	117	50027	33.894	ng		95
19) n-Nitroso-di-n-propylamine	8.47	70	111002	35.580	ng		97
20) 3+4-Methylphenols	8.45	107	129699	38.612	ng		98
22) Acetophenone	8.49	105	184243	36.383	ng		97
24) Nitrobenzene	8.87	77	163686	37.829	ng		97
25) Isophorone	9.39	82	313088	38.404	ng		100
26) 2-Nitrophenol	9.58	139	55996	35.073	ng		95
27) 2,4-Dimethylphenol	9.63	122	106270	44.682	ng		100
28) bis(2-Chloroethoxy)methane	9.87	93	151564	35.714	ng		99
29) 2,4-Dichlorophenol	10.11	162	130339	41.204	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	155569	35.969	ng		99
31) Naphthalene	10.50	128	352342	37.107	ng		100
32) Benzoic acid	9.80	122	44375	32.169	ng		91
33) 4-Chloroaniline	10.65	127	60147	15.871	ng		97
34) Hexachlorobutadiene	10.76	225	115587	35.945	ng		99
35) Caprolactam	11.45	113	42837m	41.147	ng		
36) 4-Chloro-3-methylphenol	11.76	107	148398	43.110	ng		96
37) 2-Methylnaphthalene	12.12	142	287788	39.673	ng		99
38) 1-Methylnaphthalene	12.34	142	278677	39.650	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	229604	37.365	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	236179	78.565	ng		99
43) 2,4,6-Trichlorophenol	12.74	196	144509	38.001	ng		97
44) 2,4,5-Trichlorophenol	12.82	196	142718	40.189	ng		97
46) 1,1'-Biphenyl	13.14	154	418973	37.215	ng		99
47) 2-Chloronaphthalene	13.19	162	343704	36.014	ng		97
48) 2-Nitroaniline	13.42	65	99533	34.947	ng		94
49) Acenaphthylene	14.04	152	559054	38.519	ng		99
50) Dimethylphthalate	13.79	163	501613	38.741	ng		100
51) 2,6-Dinitrotoluene	13.92	165	108132	40.069	ng		91
52) Acenaphthene	14.38	154	332611	38.029	ng		98
53) 3-Nitroaniline	14.26	138	46892	22.810	ng	#	95
54) 2,4-Dinitrophenol	14.47	184	86198	53.272	ng		97
55) Dibenzofuran	14.72	168	601782	39.761	ng		99
56) 4-Nitrophenol	14.57	139	128981	73.035	ng		99
57) 2,4-Dinitrotoluene	14.72	165	160999	41.314	ng		95
58) Fluorene	15.37	166	501311	39.874	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	177294	42.906	ng		97
60) Diethylphthalate	15.15	149	504986	39.585	ng		100
61) 4-Chlorophenyl-phenylether	15.37	204	314317	39.161	ng		100
62) 4-Nitroaniline	15.43	138	71222	31.397	ng		95
63) Azobenzene	15.66	77	517321	41.674	ng		98
65) 4,6-Dinitro-2-methylphenol	15.47	198	82897	32.896	ng		94
66) n-Nitrosodiphenylamine	15.59	169	454094	39.161	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	213193	37.422	ng		98
68) Hexachlorobenzene	16.36	284	259566	37.579	ng		97
69) Atrazine	16.54	200	197219	41.339	ng		99
70) Pentachlorophenol	16.72	266	311512	87.311	ng		98
71) Phenanthrene	17.12	178	905774	38.988	ng		100
72) Anthracene	17.20	178	893456	39.657	ng		99
73) Carbazole	17.49	167	768936	39.769	ng		99
74) Di-n-butylphthalate	18.03	149	924907	38.887	ng		99
75) Fluoranthene	19.13	202	1317641	40.786	ng		100
77) Benzidine	19.34	184	302695	28.325	ng		99
78) Pyrene	19.50	202	1373891	37.634	ng		100
80) Butylbenzylphthalate	20.40	149	469796	36.625	ng		98
81) Benzo(a)anthracene	21.25	228	1488719	36.991	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	318818	21.704	ng		99
83) Chrysene	21.30	228	1528231	39.297	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	705536	37.739	ng		100
85) Di-n-octyl phthalate	22.04	149	1271434	39.120	ng		100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1921786	40.871	ng		100
88) Benzo(b)fluoranthene	22.83	252	1707109	39.653	ng		99
89) Benzo(k)fluoranthene	22.87	252	1653291	39.569	ng		99
90) Benzo(a)pyrene	23.41	252	1612034	40.691	ng		100
91) Dibenzo(a,h)anthracene	25.78	278	1648800	40.658	ng		99
92) Benzo(g,h,i)perylene	26.47	276	1553640	41.329	ng		99

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

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