Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020312.D
Acq On : 13 May 2019 12:46
Operator : JU/SJ
Sample : PB119670BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119670BS

Manual Integrations APPROVED
mohammad
5/14/2019 11:11:39 PM

Quant Time: May 14 03:57:51 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	7.76	152	59799	20.00	ng		-0.04
21) Naphthalene-d8	10.55	136	209016	20.00	ng		-0.04
39) Acenaphthene-d10	14.40	164	123631	20.00	ng		-0.03
64) Phenanthrene-d10	17.16	188	305946	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	324124	20.00	ng		-0.02
87) Perylene-d12	23.63	264	363965	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	493475	134.89	ng		-0.02
7) Phenol-d6	6.93	99	636001	127.26	ng		-0.02
23) Nitrobenzene-d5	8.93	82	381336	72.03	ng		-0.03
42) 2,4,6-Tribromophenol	15.90	330	280835	146.35	ng		-0.02
45) 2-Fluorobiphenyl	13.02	172	761369	75.77	ng		-0.04
79) Terphenyl-d14	19.79	244	1418896	76.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	68871	38.385	ng	#	90
3) Pyridine	3.68	79	176195	38.397	ng		93
4) n-Nitrosodimethylamine	3.60	42	48172	32.737	ng	#	59
6) Aniline	7.09	93	177634	28.235	ng		97
8) 2-Chlorophenol	7.33	128	151544	38.044	ng		96
9) Benzaldehyde	6.91	77	91889	24.292	ng		90
10) Phenol	6.96	94	197536	36.715	ng		90
11) bis(2-Chloroethyl)ether	7.19	93	149445	38.216	ng		96
12) 1,3-Dichlorobenzene	7.65	146	172737	37.271	ng		94
13) 1,4-Dichlorobenzene	7.79	146	177400	37.891	ng		96
14) 1,2-Dichlorobenzene	8.10	146	166817	37.399	ng		97
15) Benzyl Alcohol	8.00	79	148136	30.739	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.29	45	111426	34.363	ng		95
17) 2-Methylphenol	8.20	107	124642	35.987	ng		93
18) Hexachloroethane	8.82	117	68377	35.026	ng		97
19) n-Nitroso-di-n-propylamine	8.56	70	137690	32.202	ng		95
20) 3+4-Methylphenols	8.53	107	156835	34.071	ng		95
22) Acetophenone	8.59	105	227924	39.900	ng	#	95
24) Nitrobenzene	8.97	77	200139	36.460	ng		94
25) Isophorone	9.49	82	344130	37.693	ng		98
26) 2-Nitrophenol	9.67	139	75629	45.637	ng		89
27) 2,4-Dimethylphenol	9.73	122	123624	44.808	ng		98
28) bis(2-Chloroethoxy)methane	9.97	93	187619	37.732	ng		97
29) 2,4-Dichlorophenol	10.20	162	135138	38.844	ng		99
30) 1,2,4-Trichlorobenzene	10.41	180	168560	39.376	ng		97
31) Naphthalene	10.60	128	429406	39.589	ng		99
32) Benzoic acid	9.86	122	61150	33.471	ng		94
33) 4-Chloroaniline	10.72	127	107112	23.993	ng		95
34) Hexachlorobutadiene	10.87	225	111813	36.924	ng		99
35) Caprolactam	11.53	113	42699m	41.046	ng		
36) 4-Chloro-3-methylphenol	11.85	107	144405	35.321	ng		93
37) 2-Methylnaphthalene	12.22	142	310420	39.256	ng		97
38) 1-Methylnaphthalene	12.44	142	295048	38.157	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	195870	40.495	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	258538	90.779	ng		98
43) 2,4,6-Trichlorophenol	12.83	196	122699	44.635	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	125520	40.873	ng		98
46) 1,1'-Biphenyl	13.23	154	405526	39.851	ng		99
47) 2-Chloronaphthalene	13.28	162	325850	40.106	ng		98
48) 2-Nitroaniline	13.50	65	100951	34.901	ng		88
49) Acenaphthylene	14.13	152	495739	38.126	ng		99
50) Dimethylphthalate	13.87	163	405470	38.588	ng		98
51) 2,6-Dinitrotoluene	14.00	165	87705	39.629	ng		85
52) Acenaphthene	14.47	154	288851	38.738	ng		98
53) 3-Nitroaniline	14.33	138	54291	26.431	ng		97
54) 2,4-Dinitrophenol	14.54	184	103521	91.966	ng		91
55) Dibenzofuran	14.81	168	485841	38.628	ng		97
56) 4-Nitrophenol	14.65	139	132064m	75.356	ng		
57) 2,4-Dinitrotoluene	14.79	165	124678	41.459	ng		92
58) Fluorene	15.46	166	390937	37.847	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	126029	43.185	ng		97
60) Diethylphthalate	15.23	149	415567	39.255	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	225653	38.555	ng		94
62) 4-Nitroaniline	15.50	138	76416m	33.710	ng		
63) Azobenzene	15.75	77	432801	34.655	ng		97
65) 4,6-Dinitro-2-methylphenol	15.55	198	67663	44.454	ng		99
66) n-Nitrosodiphenylamine	15.67	169	354134	39.337	ng		99
67) 4-Bromophenyl-phenylether	16.34	248	143060	38.132	ng		95
68) Hexachlorobenzene	16.45	284	168019	38.918	ng		97
69) Atrazine	16.62	200	128592	36.551	ng		99
70) Pentachlorophenol	16.80	266	209684	84.887	ng		99
71) Phenanthrene	17.20	178	651297	38.565	ng		100
72) Anthracene	17.29	178	660466	39.114	ng		98
73) Carbazole	17.57	167	572471	37.574	ng		99
74) Di-n-butylphthalate	18.12	149	715964	39.047	ng		97
75) Fluoranthene	19.22	202	817826	38.273	ng		100
77) Benzidine	19.42	184	357377	34.488	ng		99
78) Pyrene	19.59	202	841256	38.658	ng		100
80) Butylbenzylphthalate	20.48	149	338563	42.783	ng		100
81) Benzo(a)anthracene	21.33	228	843597	37.113	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	249992	28.816	ng		98
83) Chrysene	21.39	228	842170	38.202	ng		99
84) Bis(2-ethylhexyl)phthalate	21.25	149	504976	41.123	ng		99
85) Di-n-octyl phthalate	22.14	149	884271	43.326	ng		97
86) Indeno(1,2,3-cd)pyrene	25.96	276	1104849	42.135	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	925536	38.509	ng		100
89) Benzo(k)fluoranthene	22.99	252	895194	40.832	ng		99
90) Benzo(a)pyrene	23.54	252	898249	41.146	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	952373	41.949	ng		100
92) Benzo(g,h,i)perylene	26.67	276	918449	42.610	ng		99

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

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