Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020556.D
Acq On : 25 May 2019 00:20
Operator : JU/SJ
Sample : PB120010BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Manual Integrations APPROVED
mohammad
5/27/2019 4:00:11 AM

Quant Time: May 25 05:48:57 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	57549	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	238069	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	179154	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	490285	20.00	ng		0.00
76) Chrysene-d12	21.27	240	688159	20.00	ng		0.00
87) Perylene-d12	23.50	264	392042	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	290550	99.05	ng		0.00
7) Phenol-d6	6.84	99	422005	95.31	ng		0.00
23) Nitrobenzene-d5	8.83	82	414300	73.04	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	287384	80.07	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	1024409	71.75	ng		0.00
79) Terphenyl-d14	19.70	244	2460507	64.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	61020	39.751	ng		96
3) Pyridine	3.57	79	119801	26.900	ng		98
4) n-Nitrosodimethylamine	3.49	42	44410	40.795	ng		90
6) Aniline	7.00	93	108617	16.959	ng		98
8) 2-Chlorophenol	7.22	128	174654	48.690	ng		98
10) Phenol	6.87	94	236113	49.385	ng		97
11) bis(2-Chloroethyl)ether	7.10	93	150943	42.305	ng		99
12) 1,3-Dichlorobenzene	7.55	146	169788	36.960	ng		99
13) 1,4-Dichlorobenzene	7.69	146	171932	37.444	ng		99
14) 1,2-Dichlorobenzene	8.00	146	173039	37.590	ng		98
15) Benzyl Alcohol	7.92	79	174339	42.552	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	98050	39.429	ng		93
17) 2-Methylphenol	8.11	107	148110	46.923	ng		99
18) Hexachloroethane	8.72	117	68700	36.935	ng		93
19) n-Nitroso-di-n-propylamine	8.47	70	157680	40.107	ng		100
20) 3+4-Methylphenols	8.44	107	197759	46.718	ng		99
22) Acetophenone	8.49	105	258177	39.382	ng	#	98
24) Nitrobenzene	8.87	77	234155	41.801	ng		98
25) Isophorone	9.39	82	431542	40.889	ng		100
26) 2-Nitrophenol	9.58	139	85898	41.559	ng		98
27) 2,4-Dimethylphenol	9.63	122	153337	49.802	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	222161	40.437	ng		99
29) 2,4-Dichlorophenol	10.10	162	191263	46.706	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	222042	39.656	ng		98
31) Naphthalene	10.50	128	503097	40.928	ng		99
32) Benzoic acid	9.82	122	82617	41.861	ng		94
33) 4-Chloroaniline	10.65	127	80600	16.428	ng		99
34) Hexachlorobutadiene	10.76	225	158994	38.193	ng		99
35) Caprolactam	11.45	113	48784m	36.197	ng		
36) 4-Chloro-3-methylphenol	11.76	107	202922	45.536	ng		96
37) 2-Methylnaphthalene	12.12	142	399386	42.529	ng		98
38) 1-Methylnaphthalene	12.34	142	387332	42.569	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	310799	41.269	ng		98
41) Hexachlorocyclopentadiene	12.45	237	148886	44.454	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.75	196	197583	42.394	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	202856	46.610	ng	99
46) 1,1'-Biphenyl	13.15	154	573637	41.574	ng	99
47) 2-Chloronaphthalene	13.19	162	459545	39.289	ng	99
48) 2-Nitroaniline	13.42	65	132628	37.523	ng	99
49) Acenaphthylene	14.04	152	725263	40.774	ng	99
50) Dimethylphthalate	13.79	163	634547	39.988	ng	100
51) 2,6-Dinitrotoluene	13.92	165	138346	41.830	ng	95
52) Acenaphthene	14.38	154	435444	40.623	ng	100
53) 3-Nitroaniline	14.26	138	71587	27.045	ng	99
54) 2,4-Dinitrophenol	14.47	184	175375	81.225	ng	98
55) Dibenzofuran	14.72	168	784572	42.297	ng	99
56) 4-Nitrophenol	14.58	139	173054	79.097	ng	93
57) 2,4-Dinitrotoluene	14.72	165	200645	42.010	ng	96
58) Fluorene	15.37	166	634784	41.197	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	225544	44.536	ng	98
60) Diethylphthalate	15.15	149	627909	40.161	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	403164	40.985	ng	98
62) 4-Nitroaniline	15.43	138	87551	31.492	ng	98
63) Azobenzene	15.66	77	641899	42.192	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	124698	41.185	ng	97
66) n-Nitrosodiphenylamine	15.59	169	556067	41.829	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	264488	40.495	ng	97
68) Hexachlorobenzene	16.36	284	315891	39.890	ng	98
69) Atrazine	16.54	200	147174	26.908	ng	99
70) Pentachlorophenol	16.72	266	380930	93.127	ng	99
71) Phenanthrene	17.12	178	1094030	41.075	ng	99
72) Anthracene	17.20	178	1036689	40.135	ng	100
73) Carbazole	17.49	167	899957	40.599	ng	99
74) Di-n-butylphthalate	18.03	149	1077733	39.523	ng	100
75) Fluoranthene	19.13	202	1525507	41.187	ng	100
77) Benzidine	19.35	184	64809	5.125	ng	100
78) Pyrene	19.50	202	1552771	35.941	ng	99
80) Butylbenzylphthalate	20.40	149	529567	34.886	ng	99
81) Benzo(a)anthracene	21.25	228	1648800	34.618	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	454928	26.169	ng	100
83) Chrysene	21.30	228	1692596	36.778	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	784689	35.467	ng	99
85) Di-n-octyl phthalate	22.04	149	1404382	36.514	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1946028	34.972	ng	100
88) Benzo(b)fluoranthene	22.83	252	1862824	72.597	ng	99
89) Benzo(k)fluoranthene	22.87	252	1778406	71.411	ng	99
90) Benzo(a)pyrene	23.40	252	1694162	71.748	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	1718029	71.079	ng	99
92) Benzo(g,h,i)perylene	26.47	276	1581576	70.588	ng	99

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

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