Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
Data File : BM020706.D
Acq On : 04 Jun 2019 16:59
Operator : HP/JU
Sample : PB120232BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120232BS

Manual Integrations APPROVED
mohammad
6/5/2019 3:41:24 PM

Quant Time: Jun 05 03:39:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	309714	20.00	ng		-0.01
21) Naphthalene-d8	10.62	136	1185641	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	609741	20.00	ng		-0.01
64) Phenanthrene-d10	17.20	188	1178436	20.00	ng		-0.01
76) Chrysene-d12	21.38	240	957251	20.00	ng		-0.02
87) Perylene-d12	23.67	264	1100075	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2406902	136.70	ng		0.00
7) Phenol-d6	6.99	99	3099316	119.55	ng		0.00
23) Nitrobenzene-d5	8.99	82	1884418	82.35	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	1023332	135.46	ng		-0.01
45) 2-Fluorobiphenyl	13.08	172	4124379	89.93	ng		-0.01
79) Terphenyl-d14	19.83	244	4637306	81.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	304697	42.269	ng		97
3) Pyridine	3.74	79	831288	36.245	ng		99
4) n-Nitrosodimethylamine	3.66	42	377757	38.208	ng		94
6) Aniline	7.16	93	1046353	27.894	ng		99
8) 2-Chlorophenol	7.39	128	934517	42.665	ng		98
9) Benzaldehyde	6.97	77	298393	16.127	ng		97
10) Phenol	7.02	94	1134195	40.596	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	852131	38.271	ng		97
12) 1,3-Dichlorobenzene	7.71	146	994047	39.488	ng		97
13) 1,4-Dichlorobenzene	7.86	146	1018445	39.796	ng		98
14) 1,2-Dichlorobenzene	8.17	146	967435	38.845	ng		100
15) Benzyl Alcohol	8.06	79	828443	36.121	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1188599	34.577	ng		99
17) 2-Methylphenol	8.26	107	752714	38.314	ng		98
18) Hexachloroethane	8.90	117	372997	38.069	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	706130	33.884	ng		96
20) 3+4-Methylphenols	8.59	107	990079	37.041	ng		99
22) Acetophenone	8.65	105	1301052	43.196	ng	#	96
24) Nitrobenzene	9.03	77	1021147	43.711	ng		99
25) Isophorone	9.55	82	1823473	40.059	ng		100
26) 2-Nitrophenol	9.73	139	435756	50.049	ng		99
27) 2,4-Dimethylphenol	9.79	122	806917	49.460	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	1115738	40.539	ng		99
29) 2,4-Dichlorophenol	10.26	162	820201	45.440	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	913062	43.992	ng		99
31) Naphthalene	10.67	128	2675450	43.882	ng		99
32) Benzoic acid	9.92	122	439392m	43.346	ng		
33) 4-Chloroaniline	10.78	127	411543	14.504	ng		97
34) Hexachlorobutadiene	10.94	225	535403	42.993	ng		99
35) Caprolactam	11.57	113	229147m	36.543	ng		
36) 4-Chloro-3-methylphenol	11.90	107	842659	40.153	ng		99
37) 2-Methylnaphthalene	12.28	142	1916259	42.402	ng		99
38) 1-Methylnaphthalene	12.50	142	1821961	42.340	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	979186	49.004	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1238939	103.672	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	615453	47.851	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	646664	48.700	ng	98
46) 1,1'-Biphenyl	13.29	154	2358699	46.318	ng	99
47) 2-Chloronaphthalene	13.33	162	1828086	44.479	ng	99
48) 2-Nitroaniline	13.55	65	510155	39.548	ng	91
49) Acenaphthylene	14.19	152	2851096	44.459	ng	99
50) Dimethylphthalate	13.92	163	2169366	41.644	ng	100
51) 2,6-Dinitrotoluene	14.05	165	461844	43.663	ng	91
52) Acenaphthene	14.53	154	1672006	43.751	ng	98
53) 3-Nitroaniline	14.37	138	271924	23.032	ng	97
54) 2,4-Dinitrophenol	14.57	184	364639	80.120	ng	95
55) Dibenzofuran	14.86	168	2570310	43.304	ng	98
56) 4-Nitrophenol	14.67	139	719951	82.751	ng	92
57) 2,4-Dinitrotoluene	14.83	165	600713	42.415	ng	96
58) Fluorene	15.51	166	2038058	41.754	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	534456	46.191	ng	98
60) Diethylphthalate	15.29	149	2134312	39.726	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1064082	41.173	ng	99
62) 4-Nitroaniline	15.53	138	436127	34.831	ng	95
63) Azobenzene	15.80	77	2006660	38.958	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	223925	42.906	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1747002	46.310	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	621607	44.801	ng	98
68) Hexachlorobenzene	16.50	284	700903	43.261	ng	98
69) Atrazine	16.67	200	554268	49.229	ng	99
70) Pentachlorophenol	16.85	266	791398	102.389	ng	99
71) Phenanthrene	17.25	178	2878606	43.094	ng	100
72) Anthracene	17.34	178	2950487	44.132	ng	99
73) Carbazole	17.61	167	2519740	41.532	ng	100
74) Di-n-butylphthalate	18.17	149	3193030	40.543	ng	100
75) Fluoranthene	19.26	202	3012456	40.553	ng	100
77) Benzidine	19.45	184	1373732	47.361	ng	99
78) Pyrene	19.62	202	3045303	41.456	ng	100
80) Butylbenzylphthalate	20.53	149	1239620	39.932	ng	94
81) Benzo(a)anthracene	21.37	228	2788434	41.830	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	825405	33.813	ng	99
83) Chrysene	21.42	228	2742629	43.282	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1759717	39.003	ng	99
85) Di-n-octyl phthalate	22.19	149	2887587	40.312	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3838802	59.217	ng	99
88) Benzo(b)fluoranthene	22.98	252	3004229	41.319	ng	100
89) Benzo(k)fluoranthene	23.03	252	2948001	41.489	ng	100
90) Benzo(a)pyrene	23.57	252	2974563	45.103	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	3224608	50.398	ng	100
92) Benzo(g,h,i)perylene	26.71	276	3130292	52.672	ng	100

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

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