Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020036.D
Acq On : 23 Apr 2019 14:51
Operator : JU/SJ
Sample : PB119084BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119084BS

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:06 AM

Quant Time: Apr 24 03:57:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	85614	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	325286	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	175265	20.00	ng		-0.02
64) Phenanthrene-d10	16.93	188	369963	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	448776	20.00	ng		-0.02
87) Perylene-d12	23.33	264	469009	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	719227	136.15	ng		-0.02
7) Phenol-d6	6.69	99	930578	117.05	ng		-0.02
23) Nitrobenzene-d5	8.66	82	647876	89.07	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	353655	125.35	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1245556	88.57	ng		-0.02
79) Terphenyl-d14	19.57	244	1923562	75.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	92084	40.394	ng		97
3) Pyridine	3.48	79	208558	32.667	ng		99
4) n-Nitrosodimethylamine	3.41	42	84315	40.997	ng	#	91
6) Aniline	6.85	93	281966	27.459	ng		100
8) 2-Chlorophenol	7.06	128	243800	37.106	ng		99
9) Benzaldehyde	6.67	77	83793	15.201	ng		94
10) Phenol	6.72	94	311186	35.825	ng		92
11) bis(2-Chloroethyl)ether	6.94	93	216080	33.999	ng		100
12) 1,3-Dichlorobenzene	7.37	146	258263	37.442	ng		97
13) 1,4-Dichlorobenzene	7.53	146	265575	37.948	ng		98
14) 1,2-Dichlorobenzene	7.83	146	256441	36.955	ng		98
15) Benzyl Alcohol	7.76	79	240858	33.324	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.01	45	188123	31.051	ng		95
17) 2-Methylphenol	7.95	107	199136	34.638	ng		98
18) Hexachloroethane	8.53	117	100513	36.948	ng		95
19) n-Nitroso-di-n-propylamine	8.30	70	207077	29.630	ng		99
20) 3+4-Methylphenols	8.29	107	255094	32.301	ng		97
22) Acetophenone	8.33	105	366524	41.369	ng	#	99
24) Nitrobenzene	8.71	77	310921	41.264	ng		98
25) Isophorone	9.22	82	505864	35.727	ng		99
26) 2-Nitrophenol	9.42	139	119292	37.151	ng		93
27) 2,4-Dimethylphenol	9.47	122	200488	44.160	ng		96
28) bis(2-Chloroethoxy)methane	9.70	93	285112	35.960	ng		98
29) 2,4-Dichlorophenol	9.95	162	201479	39.074	ng		97
30) 1,2,4-Trichlorobenzene	10.13	180	238451	42.966	ng		99
31) Naphthalene	10.32	128	701600	40.212	ng		99
32) Benzoic acid	9.65	122	93270	24.577	ng		98
33) 4-Chloroaniline	10.48	127	181192	25.209	ng		98
34) Hexachlorobutadiene	10.57	225	143156	43.737	ng		98
35) Caprolactam	11.32	113	60446m	30.970	ng		
36) 4-Chloro-3-methylphenol	11.60	107	220207	34.370	ng		98
37) 2-Methylnaphthalene	11.95	142	488946	38.493	ng		98
38) 1-Methylnaphthalene	12.17	142	464096	37.004	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	241614	44.687	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	132352	70.724	ng		99
43) 2,4,6-Trichlorophenol	12.59	196	156252	42.626	ng		97
44) 2,4,5-Trichlorophenol	12.67	196	154730	40.556	ng		98
46) 1,1'-Biphenyl	12.98	154	620082	40.848	ng		98
47) 2-Chloronaphthalene	13.02	162	480691	41.514	ng		100
48) 2-Nitroaniline	13.27	65	156434	37.481	ng		94
49) Acenaphthylene	13.88	152	762300	37.838	ng		100
50) Dimethylphthalate	13.63	163	601651	38.918	ng		100
51) 2,6-Dinitrotoluene	13.77	165	128183	37.496	ng	#	84
52) Acenaphthene	14.22	154	441802	39.551	ng		98
53) 3-Nitroaniline	14.12	138	91643	26.847	ng		99
54) 2,4-Dinitrophenol	14.36	184	113226	57.759	ng		94
55) Dibenzofuran	14.56	168	717277	39.267	ng		96
56) 4-Nitrophenol	14.45	139	162446	61.753	ng		90
57) 2,4-Dinitrotoluene	14.59	165	177005	36.021	ng		98
58) Fluorene	15.22	166	577786	37.329	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	143925	41.344	ng		99
60) Diethylphthalate	15.00	149	607774	37.800	ng		100
61) 4-Chlorophenyl-phenylether	15.22	204	287170	38.534	ng		95
62) 4-Nitroaniline	15.30	138	103876	30.887	ng		84
63) Azobenzene	15.51	77	670548	39.020	ng		97
65) 4,6-Dinitro-2-methylphenol	15.36	198	74843	31.707	ng		97
66) n-Nitrosodiphenylamine	15.44	169	483497	39.975	ng		98
67) 4-Bromophenyl-phenylether	16.12	248	169043	39.742	ng		98
68) Hexachlorobenzene	16.22	284	201915	39.562	ng		99
69) Atrazine	16.41	200	159776	38.913	ng		98
70) Pentachlorophenol	16.59	266	197673	75.803	ng		97
71) Phenanthrene	16.97	178	864650	39.383	ng		99
72) Anthracene	17.06	178	865836	39.618	ng		100
73) Carbazole	17.36	167	776845	38.073	ng		100
74) Di-n-butylphthalate	17.89	149	995068	37.134	ng		99
75) Fluoranthene	19.00	202	1009969	39.974	ng		98
77) Benzidine	19.22	184	439948	35.530	ng		99
78) Pyrene	19.37	202	1043568	35.114	ng		100
80) Butylbenzylphthalate	20.27	149	500744	34.754	ng		96
81) Benzo(a)anthracene	21.13	228	1059998	37.286	ng		100
82) 3,3'-Dichlorobenzidine	21.08	252	370434	35.022	ng		98
83) Chrysene	21.19	228	1054577	38.681	ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	736459	34.333	ng		100
85) Di-n-octyl phthalate	21.91	149	1368986	39.332	ng		100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1786662	66.617	ng		98
88) Benzo(b)fluoranthene	22.67	252	1297610	41.666	ng		100
89) Benzo(k)fluoranthene	22.72	252	1308439	44.628	ng		99
90) Benzo(a)pyrene	23.23	252	1285627	46.590	ng		99
91) Dibenzo(a,h)anthracene	25.51	278	1514643	56.932	ng		99
92) Benzo(g,h,i)perylene	26.18	276	1415670	58.749	ng		98

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

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