Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020040.D
Acq On : 23 Apr 2019 17:17
Operator : JU/SJ
Sample : PB119139BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119139BSD

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:18 AM

Quant Time: Apr 24 04:15:29 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	96834	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	384669	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	206038	20.00	ng		-0.02
64) Phenanthrene-d10	16.93	188	436659	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	532425	20.00	ng		-0.02
87) Perylene-d12	23.33	264	499578	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	839724	140.54	ng		-0.02
7) Phenol-d6	6.69	99	1097525	122.05	ng		-0.02
23) Nitrobenzene-d5	8.66	82	653930	76.03	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	415147	125.17	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1273953	77.06	ng		-0.02
79) Terphenyl-d14	19.57	244	1942184	64.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	131045	50.824	ng		98
3) Pyridine	3.48	79	219570	30.407	ng		97
4) n-Nitrosodimethylamine	3.41	42	95709	41.145	ng	#	90
6) Aniline	6.85	93	302490	26.044	ng		99
8) 2-Chlorophenol	7.06	128	299502	40.302	ng		97
9) Benzaldehyde	6.69	77	41334	5.886	ng		95
10) Phenol	6.72	94	384145	39.100	ng		94
11) bis(2-Chloroethyl)ether	6.95	93	262123	36.465	ng		99
12) 1,3-Dichlorobenzene	7.37	146	302138	38.727	ng		97
13) 1,4-Dichlorobenzene	7.53	146	310780	39.262	ng		99
14) 1,2-Dichlorobenzene	7.83	146	305544	38.930	ng		99
15) Benzyl Alcohol	7.76	79	291025	35.600	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.01	45	232153	33.879	ng		96
17) 2-Methylphenol	7.95	107	243004	37.371	ng		97
18) Hexachloroethane	8.53	117	122025	39.658	ng		96
19) n-Nitroso-di-n-propylamine	8.30	70	253735	32.100	ng		99
20) 3+4-Methylphenols	8.29	107	316715	35.457	ng		98
22) Acetophenone	8.33	105	444413	42.417	ng	#	99
24) Nitrobenzene	8.71	77	377523	42.368	ng		99
25) Isophorone	9.22	82	627749	37.491	ng		99
26) 2-Nitrophenol	9.41	139	146658	38.623	ng		93
27) 2,4-Dimethylphenol	9.47	122	248354	46.258	ng		98
28) bis(2-Chloroethoxy)methane	9.70	93	358843	38.273	ng		99
29) 2,4-Dichlorophenol	9.95	162	250102	41.016	ng		96
30) 1,2,4-Trichlorobenzene	10.13	180	287207	43.762	ng		98
31) Naphthalene	10.32	128	855315	41.455	ng		100
32) Benzoic acid	9.66	122	143651	30.475	ng		96
33) 4-Chloroaniline	10.47	127	204418	24.050	ng		98
34) Hexachlorobutadiene	10.57	225	171979	44.432	ng		96
35) Caprolactam	11.29	113	74977m	32.484	ng		
36) 4-Chloro-3-methylphenol	11.60	107	279419	36.879	ng		98
37) 2-Methylnaphthalene	11.94	142	602128	40.085	ng		98
38) 1-Methylnaphthalene	12.16	142	572797	38.620	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	294267	46.296	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	155142	70.554	ng		95
43) 2,4,6-Trichlorophenol	12.59	196	192041	44.565	ng		99
44) 2,4,5-Trichlorophenol	12.67	196	196863	43.893	ng		98
46) 1,1'-Biphenyl	12.98	154	766340	42.943	ng		99
47) 2-Chloronaphthalene	13.02	162	595164	43.723	ng		99
48) 2-Nitroaniline	13.27	65	199140	40.587	ng		95
49) Acenaphthylene	13.88	152	937921	39.601	ng		99
50) Dimethylphthalate	13.63	163	745265	41.008	ng		100
51) 2,6-Dinitrotoluene	13.77	165	160655	39.976	ng		87
52) Acenaphthene	14.22	154	545881	41.569	ng		98
53) 3-Nitroaniline	14.12	138	106232	26.473	ng		99
54) 2,4-Dinitrophenol	14.35	184	160515	68.112	ng		98
55) Dibenzofuran	14.56	168	881164	41.034	ng		97
56) 4-Nitrophenol	14.45	139	207340	66.545	ng		93
57) 2,4-Dinitrotoluene	14.59	165	220982	38.254	ng	#	97
58) Fluorene	15.22	166	720383	39.590	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	178334	43.577	ng		99
60) Diethylphthalate	15.00	149	756913	40.045	ng		99
61) 4-Chlorophenyl-phenylether	15.22	204	359631	41.050	ng		95
62) 4-Nitroaniline	15.30	138	133408	33.743	ng		90
63) Azobenzene	15.51	77	836918	41.428	ng		98
65) 4,6-Dinitro-2-methylphenol	15.36	198	100869	36.205	ng		95
66) n-Nitrosodiphenylamine	15.44	169	604864	42.371	ng		100
67) 4-Bromophenyl-phenylether	16.12	248	206729	41.179	ng		99
68) Hexachlorobenzene	16.22	284	252323	41.888	ng		96
69) Atrazine	16.41	200	191719	39.561	ng		98
70) Pentachlorophenol	16.59	266	257741	83.741	ng		99
71) Phenanthrene	16.97	178	1063107	41.027	ng		100
72) Anthracene	17.06	178	1063521	41.231	ng		100
73) Carbazole	17.36	167	959989	39.862	ng		99
74) Di-n-butylphthalate	17.89	149	1267092	40.063	ng		99
75) Fluoranthene	19.00	202	1236403	41.461	ng		99
77) Benzidine	19.22	184	375167	25.538	ng		99
78) Pyrene	19.37	202	1280862	36.328	ng		100
80) Butylbenzylphthalate	20.28	149	631774	36.959	ng		96
81) Benzo(a)anthracene	21.13	228	1312307	38.909	ng		99
82) 3,3'-Dichlorobenzidine	21.07	252	470354	37.483	ng		98
83) Chrysene	21.19	228	1298205	40.136	ng		100
84) Bis(2-ethylhexyl)phthalate	21.04	149	922331	36.242	ng		100
85) Di-n-octyl phthalate	21.91	149	1723800	41.745	ng		100
86) Indeno(1,2,3-cd)pyrene	25.51	276	2125674	66.806	ng		99
88) Benzo(b)fluoranthene	22.67	252	1573498	47.434	ng		100
89) Benzo(k)fluoranthene	22.71	252	1581140	50.629	ng		99
90) Benzo(a)pyrene	23.23	252	1543458	52.511	ng		99
91) Dibenzo(a,h)anthracene	25.51	278	1815903	64.079	ng		99
92) Benzo(g,h,i)perylene	26.18	276	1635008	63.700	ng		98

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

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