Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020020.D
Acq On : 22 Apr 2019 23:43
Operator : JU/SJ
Sample : PB119063BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 23 02:19:19 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

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Manual Integrations APPROVED
Sohil
4/23/2019 4:13:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	98666	20.00	ng		-0.01
21) Naphthalene-d8	10.27	136	401509	20.00	ng		-0.01
39) Acenaphthene-d10	14.17	164	233578	20.00	ng		0.00
64) Phenanthrene-d10	16.93	188	505288	20.00	ng		-0.01
76) Chrysene-d12	21.15	240	573956	20.00	ng		-0.01
87) Perylene-d12	23.34	264	530809	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	869927	142.89	ng		-0.01
7) Phenol-d6	6.70	99	1150249	125.54	ng		-0.01
23) Nitrobenzene-d5	8.67	82	791895	88.20	ng		-0.01
42) 2,4,6-Tribromophenol	15.68	330	493890	131.36	ng		-0.01
45) 2-Fluorobiphenyl	12.77	172	1627448	86.83	ng		-0.02
79) Terphenyl-d14	19.58	244	2722132	83.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	103816	39.516	ng		97
3) Pyridine	3.49	79	232690	31.626	ng		98
4) n-Nitrosodimethylamine	3.42	42	98172	41.420	ng		92
6) Aniline	6.85	93	319705	27.016	ng		98
8) 2-Chlorophenol	7.07	128	297150	39.243	ng		98
9) Benzaldehyde	6.68	77	104522	16.641	ng		99
10) Phenol	6.72	94	379447	37.904	ng		90
11) bis(2-Chloroethyl)ether	6.95	93	259468	35.425	ng		98
12) 1,3-Dichlorobenzene	7.38	146	295474	37.170	ng		95
13) 1,4-Dichlorobenzene	7.53	146	307308	38.102	ng		99
14) 1,2-Dichlorobenzene	7.84	146	302583	37.837	ng		97
15) Benzyl Alcohol	7.76	79	294163	35.315	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	238403	34.145	ng		99
17) 2-Methylphenol	7.96	107	243601	36.768	ng		94
18) Hexachloroethane	8.54	117	118634	37.840	ng		98
19) n-Nitroso-di-n-propylamine	8.31	70	257425	31.962	ng		98
20) 3+4-Methylphenols	8.29	107	320319	35.195	ng		97
22) Acetophenone	8.34	105	445209	40.711	ng	#	99
24) Nitrobenzene	8.72	77	380260	40.886	ng		98
25) Isophorone	9.23	82	649252	37.149	ng		99
26) 2-Nitrophenol	9.42	139	150082	37.867	ng		94
27) 2,4-Dimethylphenol	9.47	122	257611	45.970	ng		99
28) bis(2-Chloroethoxy)methane	9.71	93	360107	36.797	ng		99
29) 2,4-Dichlorophenol	9.96	162	250803	39.406	ng		98
30) 1,2,4-Trichlorobenzene	10.14	180	285081	41.617	ng		98
31) Naphthalene	10.32	128	865979	40.211	ng		99
32) Benzoic acid	9.67	122	10683m	6.884	ng		
33) 4-Chloroaniline	10.48	127	220530	24.857	ng		99
34) Hexachlorobutadiene	10.57	225	169807	42.030	ng		99
35) Caprolactam	11.30	113	78425m	32.553	ng		
36) 4-Chloro-3-methylphenol	11.61	107	296976	37.553	ng		98
37) 2-Methylnaphthalene	11.95	142	623720	39.781	ng		98
38) 1-Methylnaphthalene	12.17	142	601366	38.846	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	300796	41.744	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	182439	72.751	ng	99
43) 2,4,6-Trichlorophenol	12.59	196	211415	43.276	ng	98
44) 2,4,5-Trichlorophenol	12.68	196	203238	39.972	ng	98
46) 1,1'-Biphenyl	12.99	154	812337	40.153	ng	100
47) 2-Chloronaphthalene	13.03	162	627197	40.644	ng	100
48) 2-Nitroaniline	13.28	65	217203	39.049	ng	94
49) Acenaphthylene	13.89	152	1027636	38.274	ng	99
50) Dimethylphthalate	13.64	163	821200	39.858	ng	100
51) 2,6-Dinitrotoluene	13.78	165	175265	38.470	ng	85
52) Acenaphthene	14.23	154	590897	39.692	ng	99
53) 3-Nitroaniline	14.13	138	124411	27.348	ng	98
54) 2,4-Dinitrophenol	14.38	184	20485	14.304	ng	93
55) Dibenzofuran	14.57	168	969786	39.836	ng	97
56) 4-Nitrophenol	14.46	139	174166	50.825	ng	93
57) 2,4-Dinitrotoluene	14.59	165	245142	37.433	ng	98
58) Fluorene	15.23	166	791222	38.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	190091	40.974	ng	98
60) Diethylphthalate	15.01	149	853594	39.835	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	394182	39.689	ng	95
62) 4-Nitroaniline	15.30	138	152604	34.047	ng	91
63) Azobenzene	15.52	77	933084	40.742	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	31020	9.622	ng	94
66) n-Nitrosodiphenylamine	15.45	169	677137	40.991	ng	100
67) 4-Bromophenyl-phenylether	16.12	248	231331	39.821	ng	98
68) Hexachlorobenzene	16.23	284	279835	40.145	ng	99
69) Atrazine	16.42	200	228693	40.781	ng	100
70) Pentachlorophenol	16.59	266	171384	48.120	ng	99
71) Phenanthrene	16.97	178	1201505	40.070	ng	99
72) Anthracene	17.07	178	1196511	40.086	ng	99
73) Carbazole	17.36	167	1079365	38.732	ng	100
74) Di-n-butylphthalate	17.90	149	1450981	39.646	ng	100
75) Fluoranthene	19.01	202	1384061	40.109	ng	99
77) Benzidine	19.23	184	500186	31.585	ng	98
78) Pyrene	19.38	202	1434991	37.754	ng	99
80) Butylbenzylphthalate	20.28	149	699153	37.941	ng	99
81) Benzo(a)anthracene	21.13	228	1372007	37.736	ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	399873	29.560	ng	98
83) Chrysene	21.19	228	1360287	39.012	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	1055998	38.492	ng	100
85) Di-n-octyl phthalate	21.92	149	1850255	41.565	ng	100
86) Indeno(1,2,3-cd)pyrene	25.53	276	1776535	51.793	ng	99
88) Benzo(b)fluoranthene	22.68	252	1549522	43.962	ng	100
89) Benzo(k)fluoranthene	22.72	252	1479466	44.586	ng	99
90) Benzo(a)pyrene	23.24	252	1447485	46.349	ng	98
91) Dibenzo(a,h)anthracene	25.53	278	1525488	50.663	ng	99
92) Benzo(g,h,i)perylene	26.20	276	1379612	50.587	ng	99

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

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