Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020212.D
Acq On : 09 May 2019 12:03
Operator : JU/SJ
Sample : PB119288BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119288BS

Quant Time: May 09 16:24:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	128185	20.00	ng		-0.01
21) Naphthalene-d8	10.57	136	456862	20.00	ng		-0.01
39) Acenaphthene-d10	14.42	164	274580	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	657236	20.00	ng		0.00
76) Chrysene-d12	21.36	240	668482	20.00	ng		-0.01
87) Perylene-d12	23.64	264	753100	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1039852	132.60	ng		0.00
7) Phenol-d6	6.95	99	1366557	127.56	ng		0.00
23) Nitrobenzene-d5	8.95	82	847068	73.20	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	621032	145.71	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1667122	74.70	ng		-0.02
79) Terphenyl-d14	19.80	244	2924918	76.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	140230	36.460	ng	#	91
3) Pyridine	3.69	79	365163	37.123	ng		95
4) n-Nitrosodimethylamine	3.62	42	112596	35.696	ng	#	70
6) Aniline	7.12	93	399812	29.646	ng		97
8) 2-Chlorophenol	7.35	128	318905	37.348	ng		97
9) Benzaldehyde	6.93	77	225024	27.751	ng		98
10) Phenol	6.97	94	421714	36.565	ng		92
11) bis(2-Chloroethyl)ether	7.21	93	313821	37.437	ng		97
12) 1,3-Dichlorobenzene	7.66	146	368653	37.107	ng		95
13) 1,4-Dichlorobenzene	7.82	146	372780	37.144	ng		95
14) 1,2-Dichlorobenzene	8.13	146	352328	36.848	ng		98
15) Benzyl Alcohol	8.02	79	356195	34.480	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	231669	33.330	ng		97
17) 2-Methylphenol	8.22	107	273489	36.837	ng		95
18) Hexachloroethane	8.85	117	148749	35.546	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	308795	33.690	ng		94
20) 3+4-Methylphenols	8.55	107	366956	37.189	ng		97
22) Acetophenone	8.60	105	500386	40.075	ng	#	96
24) Nitrobenzene	8.99	77	440960	36.752	ng		98
25) Isophorone	9.50	82	772302	38.701	ng		100
26) 2-Nitrophenol	9.69	139	168848	46.614	ng		92
27) 2,4-Dimethylphenol	9.75	122	276543	45.857	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	422669	38.889	ng		99
29) 2,4-Dichlorophenol	10.22	162	311442	40.956	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	372219	39.781	ng		99
31) Naphthalene	10.62	128	929248	39.195	ng		100
32) Benzoic acid	9.88	122	163323	39.433	ng		92
33) 4-Chloroaniline	10.74	127	254450	26.076	ng		98
34) Hexachlorobutadiene	10.89	225	251589	38.010	ng		99
35) Caprolactam	11.55	113	98761m	43.435	ng		
36) 4-Chloro-3-methylphenol	11.86	107	342262	38.301	ng		95
37) 2-Methylnaphthalene	12.23	142	679437	39.310	ng		97
38) 1-Methylnaphthalene	12.46	142	645025	38.164	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	432771	40.285	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	625182	98.838 ng		99
43) 2,4,6-Trichlorophenol	12.85	196	276494	45.287 ng		100
44) 2,4,5-Trichlorophenol	12.92	196	284148	41.661 ng		98
46) 1,1'-Biphenyl	13.25	154	891143	39.430 ng		99
47) 2-Chloronaphthalene	13.30	162	712695	39.496 ng		98
48) 2-Nitroaniline	13.52	65	248289	38.649 ng		88
49) Acenaphthylene	14.15	152	1103449	38.210 ng		98
50) Dimethylphthalate	13.89	163	907147	38.871 ng		99
51) 2,6-Dinitrotoluene	14.01	165	194432	39.557 ng		91
52) Acenaphthene	14.49	154	648149	39.138 ng		97
53) 3-Nitroaniline	14.35	138	130894	28.692 ng		97
54) 2,4-Dinitrophenol	14.55	184	253040	100.364 ng		90
55) Dibenzofuran	14.83	168	1076734	38.546 ng		97
56) 4-Nitrophenol	14.65	139	309828	79.600 ng		88
57) 2,4-Dinitrotoluene	14.80	165	275200	41.204 ng		91
58) Fluorene	15.47	166	876325	38.198 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	278529	42.973 ng		96
60) Diethylphthalate	15.24	149	897938	38.191 ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	504081	38.779 ng		94
62) 4-Nitroaniline	15.51	138	184604	36.667 ng		95
63) Azobenzene	15.76	77	975649	35.174 ng		96
65) 4,6-Dinitro-2-methylphenol	15.56	198	156892	47.414 ng		90
66) n-Nitrosodiphenylamine	15.69	169	781448	40.407 ng		99
67) 4-Bromophenyl-phenylether	16.36	248	319211	39.607 ng		96
68) Hexachlorobenzene	16.47	284	358904	38.699 ng		95
69) Atrazine	16.64	200	293597	38.847 ng		98
70) Pentachlorophenol	16.82	266	445946	84.039 ng		97
71) Phenanthrene	17.22	178	1393071	38.398 ng		99
72) Anthracene	17.30	178	1436170	39.593 ng		99
73) Carbazole	17.58	167	1248126	38.134 ng		99
74) Di-n-butylphthalate	18.13	149	1509496	38.323 ng		97
75) Fluoranthene	19.23	202	1750633	38.137 ng		99
77) Benzidine	19.43	184	832369	38.947 ng		98
78) Pyrene	19.60	202	1768631	39.407 ng		99
80) Butylbenzylphthalate	20.49	149	707911	43.374 ng		97
81) Benzo(a)anthracene	21.34	228	1742012	37.159 ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	582096	32.533 ng		99
83) Chrysene	21.40	228	1721967	37.874 ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1019897	40.271 ng		99
85) Di-n-octyl phthalate	22.15	149	1771577	42.087 ng		97
86) Indeno(1,2,3-cd)pyrene	25.98	276	2291826	42.378 ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1866979	37.542 ng		100
89) Benzo(k)fluoranthene	23.00	252	1878834	41.417 ng		99
90) Benzo(a)pyrene	23.55	252	1863017	41.243 ng		100
91) Dibenzo(a,h)anthracene	25.99	278	1986347	42.284 ng		100
92) Benzo(g,h,i)perylene	26.70	276	1928688	43.244 ng		99

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

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