Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020666.D
Acq On : 03 Jun 2019 12:16
Operator : HP/JU
Sample : PB120172BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120172BS

Quant Time: Jun 04 04:09:43 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	7.83	152	705492	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	2756928	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	1421006	20.00	ng		0.00
64) Phenanthrene-d10	17.21	188	2694960	20.00	ng		0.00
76) Chrysene-d12	21.39	240	2386071	20.00	ng		-0.01
87) Perylene-d12	23.68	264	2927980	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	5369417	133.88	ng		0.00
7) Phenol-d6	7.00	99	7009941	118.70	ng		0.01
23) Nitrobenzene-d5	8.99	82	3855961	72.47	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	2376596	134.99	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	8208119	76.79	ng		0.00
79) Terphenyl-d14	19.84	244	8345367	58.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	217704	13.258	ng		98
3) Pyridine	3.75	79	602473	11.532	ng		98
4) n-Nitrosodimethylamine	3.66	42	261826	11.626	ng		94
6) Aniline	7.17	93	707091	8.275	ng		98
8) 2-Chlorophenol	7.40	128	601812	12.062	ng		100
9) Benzaldehyde	6.97	77	219881	2.896	ng		97
10) Phenol	7.03	94	739633	11.622	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	562607	11.093	ng		98
12) 1,3-Dichlorobenzene	7.72	146	661488	11.536	ng		99
13) 1,4-Dichlorobenzene	7.86	146	672861	11.543	ng		99
14) 1,2-Dichlorobenzene	8.18	146	644941	11.369	ng		100
15) Benzyl Alcohol	8.07	79	546877	10.468	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	792568	10.122	ng		99
17) 2-Methylphenol	8.26	107	490270	10.955	ng		98
18) Hexachloroethane	8.90	117	246400	11.040	ng		99
19) n-Nitroso-di-n-propylamine	8.64	70	466544	9.828	ng		98
20) 3+4-Methylphenols	8.59	107	645235	10.597	ng		99
22) Acetophenone	8.65	105	873635	12.474	ng	#	98
24) Nitrobenzene	9.03	77	696726	12.826	ng		100
25) Isophorone	9.55	82	1201497	11.351	ng		100
26) 2-Nitrophenol	9.74	139	276249	13.645	ng		98
27) 2,4-Dimethylphenol	9.79	122	520011	13.708	ng		99
28) bis(2-Chloroethoxy)methane	10.04	93	727451	11.367	ng		99
29) 2,4-Dichlorophenol	10.26	162	514490	12.258	ng		98
30) 1,2,4-Trichlorobenzene	10.48	180	599271	12.417	ng		99
31) Naphthalene	10.67	128	1798873	12.689	ng		99
32) Benzoic acid	9.90	122	249556	14.468	ng		96
33) 4-Chloroaniline	10.78	127	284025	4.305	ng		99
34) Hexachlorobutadiene	10.95	225	341154	11.781	ng		99
35) Caprolactam	11.56	113	142012	9.740	ng		98
36) 4-Chloro-3-methylphenol	11.90	107	526819	10.796	ng		99
37) 2-Methylnaphthalene	12.28	142	1259224	11.983	ng		100
38) 1-Methylnaphthalene	12.50	142	1182866	11.822	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	613881	13.183	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	744815	26.743 ng	100
43) 2,4,6-Trichlorophenol	12.89	196	368041	12.278 ng	99
44) 2,4,5-Trichlorophenol	12.96	196	389557	12.588 ng	98
46) 1,1'-Biphenyl	13.30	154	1547553	13.040 ng	99
47) 2-Chloronaphthalene	13.34	162	1176804	12.286 ng	99
48) 2-Nitroaniline	13.54	65	321720	10.702 ng	97
49) Acenaphthylene	14.19	152	1823627	12.202 ng	99
50) Dimethylphthalate	13.93	163	1322435	10.893 ng	99
51) 2,6-Dinitrotoluene	14.04	165	277843	11.271 ng	91
52) Acenaphthene	14.53	154	1061859	11.922 ng	98
53) 3-Nitroaniline	14.37	138	165114	6.001 ng	97
54) 2,4-Dinitrophenol	14.57	184	204291	24.775 ng	98
55) Dibenzofuran	14.86	168	1620224	11.713 ng	99
56) 4-Nitrophenol	14.67	139	445115	21.953 ng	93
57) 2,4-Dinitrotoluene	14.83	165	359214	10.883 ng	99
58) Fluorene	15.52	166	1285005	11.296 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	311143	11.539 ng	99
60) Diethylphthalate	15.29	149	1286249	10.273 ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	644562	10.702 ng	97
62) 4-Nitroaniline	15.53	138	262575	8.998 ng	98
63) Azobenzene	15.80	77	1282943	10.688 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	125317	17.142 ng	97
66) n-Nitrosodiphenylamine	15.73	169	1065483	12.350 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	361344	11.388 ng	96
68) Hexachlorobenzene	16.51	284	422149	11.393 ng	98
69) Atrazine	16.67	200	316595	12.296 ng	99
70) Pentachlorophenol	16.86	266	446169	25.241 ng	100
71) Phenanthrene	17.25	178	1788876	11.710 ng	99
72) Anthracene	17.34	178	1823260	11.925 ng	99
73) Carbazole	17.62	167	1551492	11.182 ng	100
74) Di-n-butylphthalate	18.18	149	1870650	10.386 ng	100
75) Fluoranthene	19.26	202	1859183	10.944 ng	99
77) Benzidine	19.46	184	797681	11.033 ng	99
78) Pyrene	19.63	202	1908365	10.422 ng	100
80) Butylbenzylphthalate	20.53	149	751514	9.712 ng	99
81) Benzo(a)anthracene	21.37	228	1802228	10.846 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	522655	8.590 ng	99
83) Chrysene	21.42	228	1755356	11.113 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1080282	9.606 ng	98
85) Di-n-octyl phthalate	22.20	149	1817073	10.177 ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2517895	15.582 ng	100
88) Benzo(b)fluoranthene	22.99	252	1995939	10.314 ng	100
89) Benzo(k)fluoranthene	23.03	252	1891438	10.001 ng	100
90) Benzo(a)pyrene	23.57	252	1946801	11.091 ng	100
91) Dibenzo(a,h)anthracene	26.01	278	2097414	12.316 ng	99
92) Benzo(g,h,i)perylene	26.71	276	2070318	13.088 ng	100

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

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