Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
Data File : BM020705.D
Acq On : 04 Jun 2019 16:23
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/5/2019 3:41:21 PM

Quant Time: Jun 05 03:40:38 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	266803	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1041513	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	522567	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1077287	20.00	ng		0.00
76) Chrysene-d12	21.39	240	1039682	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1201934	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1337057	88.15	ng		0.00
7) Phenol-d6	6.99	99	1752339	78.46	ng		0.00
23) Nitrobenzene-d5	8.99	82	1750907	87.10	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	577008	89.12	ng		-0.01
45) 2-Fluorobiphenyl	13.09	172	3631834	92.40	ng		0.00
79) Terphenyl-d14	19.83	244	4807606	77.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	288127	46.399	ng		96
3) Pyridine	3.75	79	859375	43.496	ng		98
4) n-Nitrosodimethylamine	3.66	42	349931	41.086	ng		96
6) Aniline	7.16	93	1206567	37.338	ng		97
8) 2-Chlorophenol	7.39	128	767924	40.698	ng		98
9) Benzaldehyde	6.97	77	513859	39.329	ng		98
10) Phenol	7.02	94	937330	38.946	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	748054	39.000	ng		98
12) 1,3-Dichlorobenzene	7.72	146	928210	42.803	ng		97
13) 1,4-Dichlorobenzene	7.86	146	935191	42.421	ng		98
14) 1,2-Dichlorobenzene	8.17	146	888076	41.394	ng		99
15) Benzyl Alcohol	8.07	79	700282	35.444	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1044506	35.272	ng		99
17) 2-Methylphenol	8.26	107	624923	36.925	ng		99
18) Hexachloroethane	8.90	117	345185	40.896	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	598311	33.328	ng		96
20) 3+4-Methylphenols	8.59	107	831080	36.093	ng		98
22) Acetophenone	8.65	105	1121004	42.369	ng	#	97
24) Nitrobenzene	9.03	77	880036	42.884	ng		98
25) Isophorone	9.55	82	1498009	37.463	ng		100
26) 2-Nitrophenol	9.73	139	358071	46.818	ng		99
27) 2,4-Dimethylphenol	9.79	122	591056	41.242	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	974025	40.287	ng		99
29) 2,4-Dichlorophenol	10.26	162	678849	42.813	ng		98
30) 1,2,4-Trichlorobenzene	10.48	180	823459	45.166	ng		98
31) Naphthalene	10.67	128	2283300	42.632	ng		99
32) Benzoic acid	9.92	122	383733m	43.124	ng		
33) 4-Chloroaniline	10.78	127	974121	39.081	ng		98
34) Hexachlorobutadiene	10.95	225	500978	45.795	ng		99
35) Caprolactam	11.57	113	196904m	35.746	ng		
36) 4-Chloro-3-methylphenol	11.90	107	691015	37.484	ng		99
37) 2-Methylnaphthalene	12.28	142	1571979	39.598	ng		99
38) 1-Methylnaphthalene	12.50	142	1484085	39.261	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	805001	47.007	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	399182	38.975	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	511743	46.425	ng	100
44) 2,4,5-Trichlorophenol	12.96	196	527517	46.354	ng	96
46) 1,1'-Biphenyl	13.30	154	1987277	45.535	ng	99
47) 2-Chloronaphthalene	13.34	162	1598521	45.382	ng	98
48) 2-Nitroaniline	13.55	65	471402	42.640	ng	92
49) Acenaphthylene	14.19	152	2367112	43.070	ng	100
50) Dimethylphthalate	13.93	163	1841034	41.237	ng	100
51) 2,6-Dinitrotoluene	14.05	165	387274	42.721	ng	90
52) Acenaphthene	14.53	154	1408191	42.995	ng	100
53) 3-Nitroaniline	14.37	138	428425	42.341	ng	96
54) 2,4-Dinitrophenol	14.57	184	136939	39.186	ng	91
55) Dibenzofuran	14.86	168	2179788	42.851	ng	98
56) 4-Nitrophenol	14.67	139	319335	42.827	ng	94
57) 2,4-Dinitrotoluene	14.83	165	513615	42.315	ng	98
58) Fluorene	15.51	166	1732491	41.415	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	431250	43.489	ng	98
60) Diethylphthalate	15.29	149	1816750	39.456	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	919366	41.508	ng	97
62) 4-Nitroaniline	15.54	138	455272	42.425	ng	94
63) Azobenzene	15.80	77	1717912	38.916	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	192278	40.835	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1485226	43.067	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	544960	42.965	ng	95
68) Hexachlorobenzene	16.50	284	635905	42.934	ng	99
69) Atrazine	16.67	200	423423	41.138	ng	99
70) Pentachlorophenol	16.85	266	336603	47.638	ng	99
71) Phenanthrene	17.25	178	2627974	43.036	ng	99
72) Anthracene	17.34	178	2612348	42.743	ng	100
73) Carbazole	17.61	167	2397386	43.226	ng	100
74) Di-n-butylphthalate	18.17	149	2906132	40.365	ng	100
75) Fluoranthene	19.26	202	2954967	43.514	ng	100
77) Benzidine	19.46	184	1392046	44.187	ng	100
78) Pyrene	19.63	202	3036168	38.055	ng	100
80) Butylbenzylphthalate	20.53	149	1296815	38.462	ng	96
81) Benzo(a)anthracene	21.37	228	3045134	42.059	ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	1193089	45.000	ng	98
83) Chrysene	21.42	228	2915268	42.359	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1854423	37.843	ng	99
85) Di-n-octyl phthalate	22.20	149	3169867	40.744	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3887502	55.213	ng	99
88) Benzo(b)fluoranthene	22.99	252	3302817	41.576	ng	99
89) Benzo(k)fluoranthene	23.03	252	3054360	39.343	ng	99
90) Benzo(a)pyrene	23.57	252	3046314	42.277	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	3224479	46.125	ng	99
92) Benzo(g,h,i)perylene	26.71	276	3048244	46.944	ng	99

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

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