Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
Data File : BM021062.D
Acq On : 20 Jun 2019 12:37
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
6/21/2019 10:01:51 PM

Quant Time: Jun 20 13:19:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 12:21:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	253424	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1111299	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	711953	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1601567	20.00	ng		0.00
76) Chrysene-d12	21.36	240	1345041	20.00	ng		0.00
87) Perylene-d12	23.63	264	1395198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1660322	115.25	ng		0.00
7) Phenol-d6	6.96	99	2434872	114.78	ng		0.00
23) Nitrobenzene-d5	8.95	82	2523970	117.67	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	1589879	180.24	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	6945994	129.70	ng		0.00
79) Terphenyl-d14	19.80	244	8719431	108.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	310049	52.565	ng		99
3) Pyridine	3.72	79	916966	48.861	ng		99
4) n-Nitrosodimethylamine	3.63	42	348936	43.132	ng		99
6) Aniline	7.12	93	1629625	53.092	ng		99
8) 2-Chlorophenol	7.35	128	1028936	57.410	ng		99
9) Benzaldehyde	6.93	77	537958	44.796	ng		99
10) Phenol	6.98	94	1238307	54.167	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	977482	53.652	ng		98
12) 1,3-Dichlorobenzene	7.67	146	1226578	59.548	ng		99
13) 1,4-Dichlorobenzene	7.82	146	1254287	59.898	ng		100
14) 1,2-Dichlorobenzene	8.13	146	1226627	60.193	ng		99
15) Benzyl Alcohol	8.03	79	993620	52.946	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	1261113	44.835	ng		99
17) 2-Methylphenol	8.22	107	891531	55.459	ng		99
18) Hexachloroethane	8.85	117	447304	55.793	ng		99
19) n-Nitroso-di-n-propylamine	8.59	70	878522	51.519	ng		99
20) 3+4-Methylphenols	8.56	107	1217204	55.653	ng		98
22) Acetophenone	8.61	105	1677423	59.418	ng	#	100
24) Nitrobenzene	8.99	77	1260164	57.551	ng		99
25) Isophorone	9.52	82	2392773	56.082	ng		99
26) 2-Nitrophenol	9.69	139	633716	77.655	ng		99
27) 2,4-Dimethylphenol	9.75	122	915426	59.864	ng		100
28) bis(2-Chloroethoxy)methane	9.99	93	1469009	56.945	ng		99
29) 2,4-Dichlorophenol	10.22	162	1182274	69.881	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	1375742	70.719	ng		98
31) Naphthalene	10.62	128	3499128	61.231	ng		99
32) Benzoic acid	9.93	122	776203m	90.659	ng		
33) 4-Chloroaniline	10.74	127	1598096	60.089	ng		99
34) Hexachlorobutadiene	10.89	225	870955	74.616	ng		100
35) Caprolactam	11.57	113	359704m	61.200	ng		
36) 4-Chloro-3-methylphenol	11.86	107	1188231	60.407	ng		98
37) 2-Methylnaphthalene	12.23	142	2693916	63.598	ng		100
38) 1-Methylnaphthalene	12.46	142	2572038	63.770	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1643098	70.424	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	1008303	72.260	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	1088310	72.467	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	1124911	72.554	ng	98
46) 1,1'-Biphenyl	13.25	154	3673037	61.773	ng	100
47) 2-Chloronaphthalene	13.30	162	2969882	61.886	ng	100
48) 2-Nitroaniline	13.51	65	823420	54.668	ng	98
49) Acenaphthylene	14.14	152	4499997	60.097	ng	100
50) Dimethylphthalate	13.89	163	3724916	61.239	ng	100
51) 2,6-Dinitrotoluene	14.01	165	816170	66.083	ng	97
52) Acenaphthene	14.49	154	2706258	60.648	ng	99
53) 3-Nitroaniline	14.34	138	826794	59.976	ng	96
54) 2,4-Dinitrophenol	14.55	184	487661	111.789	ng	97
55) Dibenzofuran	14.82	168	4382338	63.233	ng	99
56) 4-Nitrophenol	14.65	139	629741	61.991	ng	98
57) 2,4-Dinitrotoluene	14.80	165	1117273	67.562	ng	97
58) Fluorene	15.47	166	3595833	63.092	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	1043075	77.206	ng	100
60) Diethylphthalate	15.25	149	3653256	58.235	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	2034864	67.432	ng	100
62) 4-Nitroaniline	15.52	138	857800	58.672	ng	100
63) Azobenzene	15.76	77	3021231	50.235	ng	100
65) 4,6-Dinitro-2-methylphenol	15.56	198	618458	93.445	ng	96
66) n-Nitrosodiphenylamine	15.69	169	3117097	60.798	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	1304336	69.171	ng	99
68) Hexachlorobenzene	16.47	284	1548579	70.328	ng	99
69) Atrazine	16.64	200	974434	63.681	ng	99
70) Pentachlorophenol	16.82	266	845658	80.504	ng	99
71) Phenanthrene	17.22	178	5530971	60.926	ng	100
72) Anthracene	17.30	178	5522911	60.784	ng	99
73) Carbazole	17.58	167	4733227	57.405	ng	100
74) Di-n-butylphthalate	18.13	149	5834123	54.507	ng	100
75) Fluoranthene	19.23	202	6101846	60.440	ng	99
77) Benzidine	19.42	184	2113644	51.861	ng	99
78) Pyrene	19.59	202	6152465	59.607	ng	100
80) Butylbenzylphthalate	20.49	149	2373421	54.412	ng	99
81) Benzo(a)anthracene	21.34	228	5625226	60.056	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	2108621	61.476	ng	100
83) Chrysene	21.39	228	5325680	59.815	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3411169	53.808	ng	99
85) Di-n-octyl phthalate	22.15	149	5538916	55.032	ng	100
86) Indeno(1,2,3-cd)pyrene	25.94	276	6285082	69.000	ng	100
88) Benzo(b)fluoranthene	22.94	252	5526764	59.933	ng	99
89) Benzo(k)fluoranthene	22.99	252	5374545	59.640	ng	100
90) Benzo(a)pyrene	23.53	252	5050712	60.384	ng	99
91) Dibenzo(a,h)anthracene	25.95	278	5240273	64.577	ng	100
92) Benzo(g,h,i)perylene	26.64	276	4912208	65.171	ng	100

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

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