Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
Data File : BM021065.D
Acq On : 20 Jun 2019 16:35
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM062019

Manual Integrations APPROVED
mohammad
6/21/2019 10:02:06 PM

Quant Time: Jun 20 18:07:23 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 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	216724	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	995224	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	653734	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1627780	20.00	ng		0.00
76) Chrysene-d12	21.36	240	1804990	20.00	ng		0.00
87) Perylene-d12	23.64	264	2058887	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	953517	79.67	ng		0.00
7) Phenol-d6	6.95	99	1401405	80.40	ng		0.00
23) Nitrobenzene-d5	8.95	82	1465728	76.76	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	979561	79.85	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	4110114	77.27	ng		0.00
79) Terphenyl-d14	19.80	244	6747821	69.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	179577	39.824	ng		99
3) Pyridine	3.72	79	561274	43.284	ng		99
4) n-Nitrosodimethylamine	3.63	42	205461	41.150	ng	#	99
6) Aniline	7.12	93	947253	40.805	ng		99
8) 2-Chlorophenol	7.35	128	584876	39.705	ng		99
9) Benzaldehyde	6.93	77	374032	42.822	ng		99
10) Phenol	6.98	94	715182	40.164	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	552617	39.199	ng		99
12) 1,3-Dichlorobenzene	7.67	146	699136	39.175	ng		99
13) 1,4-Dichlorobenzene	7.82	146	711238	39.199	ng		100
14) 1,2-Dichlorobenzene	8.13	146	694471	39.056	ng		98
15) Benzyl Alcohol	8.03	79	570524	40.427	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.31	45	729998	40.033	ng		99
17) 2-Methylphenol	8.22	107	510712	40.153	ng		100
18) Hexachloroethane	8.85	117	254224	39.024	ng		96
19) n-Nitroso-di-n-propylamine	8.59	70	515445	40.638	ng		99
20) 3+4-Methylphenols	8.55	107	713518	40.755	ng		99
22) Acetophenone	8.61	105	985083	38.842	ng		99
24) Nitrobenzene	8.99	77	740066	39.123	ng		99
25) Isophorone	9.51	82	1401533	39.225	ng		99
26) 2-Nitrophenol	9.69	139	356117	38.448	ng		98
27) 2,4-Dimethylphenol	9.75	122	534179	39.541	ng		100
28) bis(2-Chloroethoxy)methane	9.99	93	860365	38.751	ng		100
29) 2,4-Dichlorophenol	10.22	162	674839	38.597	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	782312	37.957	ng		99
31) Naphthalene	10.62	128	2046724	38.861	ng		99
32) Benzoic acid	9.90	122	447218m	40.920	ng		
33) 4-Chloroaniline	10.74	127	943888	39.478	ng		100
34) Hexachlorobutadiene	10.89	225	484656	37.242	ng		99
35) Caprolactam	11.55	113	226317m	41.384	ng		
36) 4-Chloro-3-methylphenol	11.86	107	705670	39.663	ng		100
37) 2-Methylnaphthalene	12.23	142	1578063	38.941	ng		99
38) 1-Methylnaphthalene	12.46	142	1507423	38.999	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	935651	37.813	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	541978	37.784	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	633764	38.707	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	668438	39.423	ng	98
46) 1,1'-Biphenyl	13.25	154	2161204	38.626	ng	99
47) 2-Chloronaphthalene	13.29	162	1762592	38.786	ng	99
48) 2-Nitroaniline	13.51	65	503783	40.524	ng	98
49) Acenaphthylene	14.15	152	2743572	39.673	ng	99
50) Dimethylphthalate	13.89	163	2294158	39.471	ng	100
51) 2,6-Dinitrotoluene	14.01	165	501861	40.136	ng	100
52) Acenaphthene	14.49	154	1639708	39.299	ng	100
53) 3-Nitroaniline	14.35	138	526480	41.300	ng	98
54) 2,4-Dinitrophenol	14.55	184	294453	43.838	ng	96
55) Dibenzofuran	14.82	168	2685191	39.450	ng	99
56) 4-Nitrophenol	14.65	139	418005	42.881	ng	99
57) 2,4-Dinitrotoluene	14.80	165	706390	40.912	ng	98
58) Fluorene	15.47	166	2199741	39.554	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	642680	39.671	ng	99
60) Diethylphthalate	15.25	149	2279183	39.814	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1220817	38.857	ng	100
62) 4-Nitroaniline	15.51	138	583842	43.637	ng	99
63) Azobenzene	15.76	77	1880055	40.038	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	393613	39.218	ng	96
66) n-Nitrosodiphenylamine	15.69	169	1951895	38.043	ng	100
67) 4-Bromophenyl-phenylether	16.36	248	800364	36.935	ng	98
68) Hexachlorobenzene	16.47	284	969978	37.469	ng	99
69) Atrazine	16.64	200	705900	42.309	ng	99
70) Pentachlorophenol	16.82	266	547655	39.265	ng	99
71) Phenanthrene	17.22	178	3686580	39.298	ng	100
72) Anthracene	17.30	178	3664943	39.439	ng	99
73) Carbazole	17.58	167	3334080	40.578	ng	100
74) Di-n-butylphthalate	18.14	149	4010056	39.867	ng	99
75) Fluoranthene	19.23	202	4560301	42.095	ng	99
77) Benzidine	19.42	184	2158146	41.175	ng	100
78) Pyrene	19.59	202	4696658	35.878	ng	99
80) Butylbenzylphthalate	20.50	149	1939733	37.176	ng	97
81) Benzo(a)anthracene	21.34	228	4851236	39.427	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	1918692	41.170	ng	99
83) Chrysene	21.39	228	4658317	39.742	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	2832180	38.138	ng	98
85) Di-n-octyl phthalate	22.16	149	4872455	41.720	ng	100
86) Indeno(1,2,3-cd)pyrene	25.95	276	5855509	45.147	ng	100
88) Benzo(b)fluoranthene	22.95	252	5185633	37.334	ng	99
89) Benzo(k)fluoranthene	23.00	252	5069854	37.759	ng	100
90) Benzo(a)pyrene	23.54	252	4819474	38.454	ng	99
91) Dibenzo(a,h)anthracene	25.96	278	4888386	39.121	ng	99
92) Benzo(g,h,i)perylene	26.65	276	4509807	38.702	ng	99

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

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