Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
Data File : BM021058.D
Acq On : 20 Jun 2019 10:12
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
6/21/2019 10:01:37 PM

Quant Time: Jun 20 13:07:02 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	231990	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1006699	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	686867	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1688239	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1622652	20.00	ng		0.00
87) Perylene-d12	23.63	264	1613075	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	257512	19.53	ng		0.00
7) Phenol-d6	6.95	99	363695	18.73	ng		0.00
23) Nitrobenzene-d5	8.94	82	390559	20.10	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	249822	29.36	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1155325	22.36	ng		0.00
79) Terphenyl-d14	19.79	244	1800833	18.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	50208	9.299	ng		98
3) Pyridine	3.73	79	139284	8.108	ng		98
4) n-Nitrosodimethylamine	3.64	42	49610	6.699	ng	#	90
6) Aniline	7.12	93	242465	8.629	ng		98
8) 2-Chlorophenol	7.35	128	155349	9.469	ng		99
9) Benzaldehyde	6.93	77	129965	11.822	ng		100
10) Phenol	6.97	94	186337	8.904	ng		99
11) bis(2-Chloroethyl)ether	7.21	93	151910	9.108	ng		99
12) 1,3-Dichlorobenzene	7.67	146	195216	10.353	ng		99
13) 1,4-Dichlorobenzene	7.82	146	199783	10.422	ng		99
14) 1,2-Dichlorobenzene	8.13	146	196574	10.537	ng		99
15) Benzyl Alcohol	8.02	79	143558	8.356	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.30	45	201883	7.840	ng		99
17) 2-Methylphenol	8.22	107	132552	9.007	ng		98
18) Hexachloroethane	8.85	117	70613	9.621	ng		96
19) n-Nitroso-di-n-propylamine	8.59	70	138190	8.853	ng		100
20) 3+4-Methylphenols	8.55	107	180740	9.027	ng		98
22) Acetophenone	8.60	105	270617	10.582	ng		98
24) Nitrobenzene	8.98	77	198214	9.993	ng		99
25) Isophorone	9.50	82	366723	9.488	ng		100
26) 2-Nitrophenol	9.69	139	86918	11.758	ng		99
27) 2,4-Dimethylphenol	9.75	122	137937	9.958	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	235826	10.091	ng		99
29) 2,4-Dichlorophenol	10.22	162	172734	11.271	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	212932	12.083	ng		97
31) Naphthalene	10.62	128	556588	10.752	ng		99
32) Benzoic acid	9.84	122	96700m	12.468	ng		
33) 4-Chloroaniline	10.74	127	244449	10.146	ng		99
34) Hexachlorobutadiene	10.89	225	135114	12.778	ng		98
35) Caprolactam	11.53	113	53381m	10.026	ng		
36) 4-Chloro-3-methylphenol	11.86	107	180805	10.147	ng		97
37) 2-Methylnaphthalene	12.23	142	425530	11.090	ng		98
38) 1-Methylnaphthalene	12.45	142	409380	11.205	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	257981	11.461	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	136189	10.116	ng		98
43) 2,4,6-Trichlorophenol	12.85	196	164916	11.382	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	172236	11.515	ng		97
46) 1,1'-Biphenyl	13.25	154	608794	10.613	ng		99
47) 2-Chloronaphthalene	13.29	162	488334	10.547	ng		99
48) 2-Nitroaniline	13.50	65	122977	8.463	ng		95
49) Acenaphthylene	14.14	152	742163	10.274	ng		99
50) Dimethylphthalate	13.88	163	646291	11.013	ng		100
51) 2,6-Dinitrotoluene	14.00	165	128734	10.804	ng		97
52) Acenaphthene	14.48	154	452606	10.513	ng		99
53) 3-Nitroaniline	14.34	138	127434	9.582	ng		98
54) 2,4-Dinitrophenol	14.55	184	57606	13.688	ng		98
55) Dibenzofuran	14.82	168	748053	11.188	ng		99
56) 4-Nitrophenol	14.64	139	95823	9.777	ng		97
57) 2,4-Dinitrotoluene	14.79	165	172941	10.840	ng		96
58) Fluorene	15.47	166	604866	11.001	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	171768	13.178	ng		100
60) Diethylphthalate	15.24	149	634046	10.476	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	337106	11.579	ng		95
62) 4-Nitroaniline	15.50	138	133917	9.494	ng		95
63) Azobenzene	15.76	77	510091	8.791	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	83747	12.004	ng		97
66) n-Nitrosodiphenylamine	15.68	169	532060	9.845	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	219019	11.019	ng		95
68) Hexachlorobenzene	16.47	284	267217	11.513	ng		100
69) Atrazine	16.63	200	196862	12.205	ng		98
70) Pentachlorophenol	16.82	266	128352	11.591	ng		100
71) Phenanthrene	17.21	178	1004897	10.501	ng		99
72) Anthracene	17.30	178	978206	10.213	ng		99
73) Carbazole	17.57	167	861632	9.913	ng		99
74) Di-n-butylphthalate	18.13	149	1064849	9.438	ng		99
75) Fluoranthene	19.23	202	1183664	11.123	ng		99
77) Benzidine	19.42	184	529105	10.761	ng		100
78) Pyrene	19.59	202	1213889	9.749	ng		99
80) Butylbenzylphthalate	20.49	149	451771	8.585	ng		96
81) Benzo(a)anthracene	21.33	228	1149872	10.176	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	428128	10.346	ng		99
83) Chrysene	21.39	228	1119834	10.425	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	631449	8.256	ng	#	98
85) Di-n-octyl phthalate	22.15	149	992343	8.173	ng		99
86) Indeno(1,2,3-cd)pyrene	25.92	276	1125704	10.244	ng		99
88) Benzo(b)fluoranthene	22.94	252	1124865	10.551	ng		99
89) Benzo(k)fluoranthene	22.98	252	1020548	9.795	ng		99
90) Benzo(a)pyrene	23.52	252	960422	9.931	ng		99
91) Dibenzo(a,h)anthracene	25.93	278	947878	10.103	ng		99
92) Benzo(g,h,i)perylene	26.63	276	879873	10.097	ng		99

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

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