Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
Data File : BM021074.D
Acq On : 21 Jun 2019 08:04
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/25/2019 3:22:47 PM

Quant Time: Jun 21 23:37:07 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	7.77	152	256794	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1158190	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	779499	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1914964	20.00	ng		0.00
76) Chrysene-d12	21.35	240	2064548	20.00	ng		0.00
87) Perylene-d12	23.63	264	2158740	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1111871	78.40	ng		0.00
7) Phenol-d6	6.95	99	1639596	79.39	ng		0.00
23) Nitrobenzene-d5	8.95	82	1721662	77.47	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	1167141	79.79	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	4831019	76.17	ng		0.00
79) Terphenyl-d14	19.79	244	7951463	71.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	210641	39.423	ng		98
3) Pyridine	3.71	79	673693	43.847	ng		100
4) n-Nitrosodimethylamine	3.63	42	236077	39.904	ng		98
6) Aniline	7.12	93	1099120	39.959	ng		98
8) 2-Chlorophenol	7.35	128	687114	39.367	ng		99
9) Benzaldehyde	6.93	77	445123	43.078	ng		97
10) Phenol	6.97	94	842148	39.915	ng		99
11) bis(2-Chloroethyl)ether	7.21	93	653592	39.127	ng		99
12) 1,3-Dichlorobenzene	7.66	146	830456	39.272	ng		98
13) 1,4-Dichlorobenzene	7.82	146	840959	39.116	ng		100
14) 1,2-Dichlorobenzene	8.13	146	823882	39.104	ng		100
15) Benzyl Alcohol	8.02	79	664161	39.718	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.31	45	855552	39.597	ng		100
17) 2-Methylphenol	8.22	107	602608	39.985	ng		100
18) Hexachloroethane	8.85	117	302821	39.230	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	603043	40.125	ng		100
20) 3+4-Methylphenols	8.55	107	822634	39.655	ng		98
22) Acetophenone	8.60	105	1148902	38.927	ng	#	100
24) Nitrobenzene	8.99	77	856494	38.907	ng		99
25) Isophorone	9.51	82	1644683	39.554	ng		100
26) 2-Nitrophenol	9.69	139	422952	39.238	ng		98
27) 2,4-Dimethylphenol	9.75	122	620632	39.476	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	1017801	39.391	ng		99
29) 2,4-Dichlorophenol	10.22	162	789224	38.788	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	915160	38.155	ng		99
31) Naphthalene	10.62	128	2390011	38.994	ng		99
32) Benzoic acid	9.90	122	546886m	42.999	ng		
33) 4-Chloroaniline	10.73	127	1098685	39.487	ng		98
34) Hexachlorobutadiene	10.89	225	577164	38.110	ng		99
35) Caprolactam	11.55	113	267105m	41.970	ng		
36) 4-Chloro-3-methylphenol	11.86	107	830171	40.095	ng		99
37) 2-Methylnaphthalene	12.23	142	1851127	39.252	ng		100
38) 1-Methylnaphthalene	12.45	142	1777861	39.524	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1108007	37.554	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	654439	38.263 ng	99
43) 2,4,6-Trichlorophenol	12.85	196	751441	38.490 ng	99
44) 2,4,5-Trichlorophenol	12.92	196	785049	38.830 ng	99
46) 1,1'-Biphenyl	13.25	154	2558796	38.354 ng	100
47) 2-Chloronaphthalene	13.29	162	2078023	38.350 ng	100
48) 2-Nitroaniline	13.51	65	595946	40.203 ng	97
49) Acenaphthylene	14.15	152	3220394	39.055 ng	99
50) Dimethylphthalate	13.89	163	2718262	39.222 ng	99
51) 2,6-Dinitrotoluene	14.01	165	592754	39.756 ng	99
52) Acenaphthene	14.49	154	1913474	38.461 ng	99
53) 3-Nitroaniline	14.34	138	615327	40.482 ng	99
54) 2,4-Dinitrophenol	14.55	184	344419	43.004 ng	98
55) Dibenzofuran	14.82	168	3168543	39.041 ng	99
56) 4-Nitrophenol	14.65	139	484034	41.643 ng	97
57) 2,4-Dinitrotoluene	14.80	165	834246	40.521 ng	100
58) Fluorene	15.47	166	2596377	39.154 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	756701	39.173 ng	99
60) Diethylphthalate	15.25	149	2711769	39.728 ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1452686	38.777 ng	100
62) 4-Nitroaniline	15.51	138	678021	42.500 ng	99
63) Azobenzene	15.76	77	2237051	39.954 ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	461194	39.060 ng	99
66) n-Nitrosodiphenylamine	15.69	169	2297894	38.070 ng	99
67) 4-Bromophenyl-phenylether	16.36	248	959439	37.636 ng	99
68) Hexachlorobenzene	16.47	284	1159864	38.085 ng	99
69) Atrazine	16.64	200	839369	42.764 ng	98
70) Pentachlorophenol	16.82	266	657079	40.045 ng	99
71) Phenanthrene	17.21	178	4320857	39.151 ng	100
72) Anthracene	17.30	178	4306085	39.389 ng	100
73) Carbazole	17.57	167	3901919	40.367 ng	99
74) Di-n-butylphthalate	18.13	149	4797526	40.543 ng	100
75) Fluoranthene	19.23	202	5363881	42.088 ng	100
77) Benzidine	19.42	184	2394855	39.947 ng	100
78) Pyrene	19.59	202	5456383	36.442 ng	100
80) Butylbenzylphthalate	20.49	149	2277114	38.155 ng	97
81) Benzo(a)anthracene	21.34	228	5566388	39.552 ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	2211479	41.487 ng	100
83) Chrysene	21.39	228	5328394	39.744 ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3351054	39.452 ng	100
85) Di-n-octyl phthalate	22.15	149	5603033	41.944 ng	100
86) Indeno(1,2,3-cd)pyrene	25.94	276	5582911	37.633 ng	100
88) Benzo(b)fluoranthene	22.94	252	5546518	38.085 ng	100
89) Benzo(k)fluoranthene	22.99	252	5598331	39.767 ng	100
90) Benzo(a)pyrene	23.53	252	5099166	38.803 ng	100
91) Dibenzo(a,h)anthracene	25.94	278	4698505	35.862 ng	99
92) Benzo(g,h,i)perylene	26.64	276	4247335	34.764 ng	99

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

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