Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
Data File : BM021061.D
Acq On : 20 Jun 2019 12:01
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
6/21/2019 10:01:48 PM

Quant Time: Jun 20 13:14:27 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	241694	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1081932	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	705643	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1700735	20.00	ng		0.00
76) Chrysene-d12	21.36	240	1585994	20.00	ng		0.00
87) Perylene-d12	23.63	264	1542524	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1334679	97.14	ng		0.00
7) Phenol-d6	6.95	99	1936591	95.72	ng		0.00
23) Nitrobenzene-d5	8.95	82	2034673	97.44	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	1344952	153.83	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	5663464	106.70	ng		0.00
79) Terphenyl-d14	19.80	244	8572761	90.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	250234	44.483	ng		99
3) Pyridine	3.72	79	714231	39.906	ng		100
4) n-Nitrosodimethylamine	3.63	42	281028	36.424	ng		99
6) Aniline	7.12	93	1302312	44.488	ng		99
8) 2-Chlorophenol	7.35	128	818782	47.902	ng		98
9) Benzaldehyde	6.93	77	459254	40.098	ng		99
10) Phenol	6.98	94	993673	45.576	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	769932	44.311	ng		99
12) 1,3-Dichlorobenzene	7.67	146	988214	50.304	ng		99
13) 1,4-Dichlorobenzene	7.82	146	1004805	50.313	ng		99
14) 1,2-Dichlorobenzene	8.13	146	981764	50.515	ng		99
15) Benzyl Alcohol	8.03	79	789552	44.114	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	1010455	37.667	ng		99
17) 2-Methylphenol	8.22	107	707334	46.137	ng		100
18) Hexachloroethane	8.85	117	360337	47.126	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	709575	43.631	ng		99
20) 3+4-Methylphenols	8.55	107	986824	47.309	ng		99
22) Acetophenone	8.61	105	1352448	49.207	ng	#	100
24) Nitrobenzene	8.99	77	1011756	47.461	ng		100
25) Isophorone	9.51	82	1920190	46.227	ng		100
26) 2-Nitrophenol	9.69	139	502038	63.189	ng		98
27) 2,4-Dimethylphenol	9.75	122	740065	49.710	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	1193578	47.524	ng		99
29) 2,4-Dichlorophenol	10.22	162	946557	57.467	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	1096659	57.903	ng		99
31) Naphthalene	10.62	128	2828972	50.847	ng		100
32) Benzoic acid	9.92	122	601838m	72.201	ng		
33) 4-Chloroaniline	10.74	127	1291260	49.870	ng		99
34) Hexachlorobutadiene	10.89	225	693271	61.006	ng		99
35) Caprolactam	11.56	113	305675m	53.419	ng		
36) 4-Chloro-3-methylphenol	11.86	107	966563	50.472	ng		98
37) 2-Methylnaphthalene	12.23	142	2188620	53.071	ng		100
38) 1-Methylnaphthalene	12.46	142	2079562	52.959	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1310737	56.681	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	799081	57.778 ng	100
43) 2,4,6-Trichlorophenol	12.85	196	882980	59.321 ng	99
44) 2,4,5-Trichlorophenol	12.92	196	912858	59.404 ng	99
46) 1,1'-Biphenyl	13.25	154	2981107	50.585 ng	99
47) 2-Chloronaphthalene	13.30	162	2431499	51.120 ng	99
48) 2-Nitroaniline	13.51	65	681620	45.658 ng	98
49) Acenaphthylene	14.14	152	3737188	50.356 ng	100
50) Dimethylphthalate	13.89	163	3112509	51.628 ng	99
51) 2,6-Dinitrotoluene	14.01	165	675020	55.143 ng	97
52) Acenaphthene	14.49	154	2226866	50.351 ng	99
53) 3-Nitroaniline	14.34	138	705582	51.641 ng	96
54) 2,4-Dinitrophenol	14.55	184	414477	95.862 ng	94
55) Dibenzofuran	14.82	168	3646577	53.087 ng	99
56) 4-Nitrophenol	14.65	139	540448	53.677 ng	99
57) 2,4-Dinitrotoluene	14.80	165	954743	58.250 ng	99
58) Fluorene	15.47	166	3011870	53.319 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	881793	65.852 ng	99
60) Diethylphthalate	15.25	149	3118425	50.154 ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1692197	56.578 ng	99
62) 4-Nitroaniline	15.52	138	758822	52.366 ng	99
63) Azobenzene	15.76	77	2549941	42.778 ng	100
65) 4,6-Dinitro-2-methylphenol	15.56	198	536197	76.292 ng	96
66) n-Nitrosodiphenylamine	15.69	169	2645907	48.598 ng	100
67) 4-Bromophenyl-phenylether	16.36	248	1108452	55.355 ng	98
68) Hexachlorobenzene	16.47	284	1321371	56.511 ng	98
69) Atrazine	16.64	200	916689	56.414 ng	99
70) Pentachlorophenol	16.82	266	741765	66.496 ng	99
71) Phenanthrene	17.22	178	4850465	50.314 ng	100
72) Anthracene	17.30	178	4851924	50.285 ng	99
73) Carbazole	17.58	167	4321399	49.354 ng	100
74) Di-n-butylphthalate	18.13	149	5391554	47.435 ng	99
75) Fluoranthene	19.23	202	5799945	54.100 ng	99
77) Benzidine	19.42	184	2255726	46.938 ng	100
78) Pyrene	19.59	202	5878618	48.301 ng	100
80) Butylbenzylphthalate	20.49	149	2351254	45.714 ng	99
81) Benzo(a)anthracene	21.34	228	5427198	49.139 ng	98
82) 3,3'-Dichlorobenzidine	21.27	252	2046084	50.590 ng	99
83) Chrysene	21.39	228	5202188	49.551 ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3341738	44.704 ng	99
85) Di-n-octyl phthalate	22.16	149	5263297	44.349 ng	100
86) Indeno(1,2,3-cd)pyrene	25.94	276	5492105	51.134 ng	100
88) Benzo(b)fluoranthene	22.94	252	5068176	49.711 ng	99
89) Benzo(k)fluoranthene	22.99	252	5006018	50.245 ng	100
90) Benzo(a)pyrene	23.53	252	4606896	49.818 ng	100
91) Dibenzo(a,h)anthracene	25.95	278	4591732	51.180 ng	99
92) Benzo(g,h,i)perylene	26.64	276	4273084	51.277 ng	100

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

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