Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026473.D
Acq On : 19 Jun 2020 19:04
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:31 PM

Quant Time: Jun 20 06:35:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:20:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	122760	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	571914	20.00	ng		0.00
39) Acenaphthene-d10	14.05	164	378341	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	813060	20.00	ng		0.00
76) Chrysene-d12	21.02	240	683162	20.00	ng		0.00
86) Perylene-d12	23.10	264	577997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	536320	77.24	ng		0.00
7) Phenol-d6	6.60	99	825449	82.10	ng		0.00
23) Nitrobenzene-d5	8.54	82	943328	80.99	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	385829	84.19	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	2044895	82.04	ng		0.00
79) Terphenyl-d14	19.46	244	3175127	90.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	126167	40.304	ng		95
3) Pyridine	3.39	79	349912	38.056	ng		95
4) n-Nitrosodimethylamine	3.30	42	202971	44.585	ng		86
6) Aniline	6.73	93	548393	41.584	ng		96
8) 2-Chlorophenol	6.96	128	327147	40.849	ng		98
9) Benzaldehyde	6.55	77	215669	33.640	ng		97
10) Phenol	6.62	94	436457	40.762	ng		94
11) bis(2-Chloroethyl)ether	6.84	93	358632	41.584	ng		99
12) 1,3-Dichlorobenzene	7.27	146	356749	40.234	ng		98
13) 1,4-Dichlorobenzene	7.42	146	366469	40.576	ng		98
14) 1,2-Dichlorobenzene	7.73	146	363178	41.166	ng		99
15) Benzyl Alcohol	7.64	79	367878	43.088	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.93	45	703790	43.695	ng		100
17) 2-Methylphenol	7.85	107	334042	42.685	ng		97
18) Hexachloroethane	8.44	117	144594	42.274	ng		95
19) n-Nitroso-di-n-propylamine	8.20	70	359083	45.832	ng		95
20) 3+4-Methylphenols	8.18	107	459962	43.123	ng		97
22) Acetophenone	8.21	105	596562	40.566	ng	#	95
24) Nitrobenzene	8.58	77	490412	40.219	ng		99
25) Isophorone	9.10	82	918309	41.965	ng		100
26) 2-Nitrophenol	9.28	139	194270	40.258	ng		91
27) 2,4-Dimethylphenol	9.36	122	307292	40.337	ng		95
28) bis(2-Chloroethoxy)methane	9.59	93	504486	40.635	ng		99
29) 2,4-Dichlorophenol	9.82	162	341200	40.821	ng		99
30) 1,2,4-Trichlorobenzene	10.02	180	371504	40.532	ng		97
31) Naphthalene	10.20	128	1145347	39.741	ng		100
32) Benzoic acid	9.56	122	236729	39.650	ng		95
33) 4-Chloroaniline	10.32	127	502988	40.014	ng		99
34) Hexachlorobutadiene	10.49	225	240607	41.582	ng		99
35) Caprolactam	11.13	113	123761	42.145	ng		96
36) 4-Chloro-3-methylphenol	11.47	107	426557	41.881	ng		98
37) 2-Methylnaphthalene	11.82	142	840498	40.925	ng		98
38) 1-Methylnaphthalene	12.05	142	810860	41.678	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	438187	40.687	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:20:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	227947	35.916 ng	98
43) 2,4,6-Trichlorophenol	12.46	196	301625	41.377 ng	98
44) 2,4,5-Trichlorophenol	12.53	196	349133	41.262 ng	98
46) 1,1'-Biphenyl	12.87	154	1064321	40.125 ng	100
47) 2-Chloronaphthalene	12.90	162	869425	40.354 ng	99
48) 2-Nitroaniline	13.13	65	354616	41.530 ng	97
49) Acenaphthylene	13.76	152	1386191	40.226 ng	99
50) Dimethylphthalate	13.53	163	1130187	40.841 ng	99
51) 2,6-Dinitrotoluene	13.64	165	250115	41.189 ng	95
52) Acenaphthene	14.11	154	838669	40.540 ng	99
53) 3-Nitroaniline	13.97	138	263690	38.996 ng	99
54) 2,4-Dinitrophenol	14.19	184	146039	39.571 ng	94
55) Dibenzofuran	14.45	168	1347542	40.428 ng	100
56) 4-Nitrophenol	14.30	139	197423	36.817 ng	94
57) 2,4-Dinitrotoluene	14.44	165	352210	41.715 ng	92
58) Fluorene	15.10	166	1115134	41.188 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.69	232	297803	41.148 ng	99
60) Diethylphthalate	14.90	149	1175457	41.703 ng	100
61) 4-Chlorophenyl-phenylether	15.11	204	599727	41.762 ng	99
62) 4-Nitroaniline	15.15	138	272964m	37.852 ng	
63) Azobenzene	15.40	77	1295813	42.018 ng	99
65) 4,6-Dinitro-2-methylphenol	15.21	198	203440	41.147 ng	91
66) n-Nitrosodiphenylamine	15.33	169	963990	40.927 ng	98
67) 4-Bromophenyl-phenylether	16.00	248	379232	42.370 ng	99
68) Hexachlorobenzene	16.12	284	385485	41.274 ng	97
69) Atrazine	16.30	200	288949	41.063 ng	99
70) Pentachlorophenol	16.46	266	224310	39.882 ng	99
71) Phenanthrene	16.84	178	1718851	40.596 ng	99
72) Anthracene	16.93	178	1726972	40.868 ng	100
73) Carbazole	17.22	167	1591787	39.722 ng	100
74) Di-n-butylphthalate	17.80	149	2026860	42.889 ng	99
75) Fluoranthene	18.87	202	1936250	39.888 ng	99
77) Benzidine	19.07	184	490101	34.538 ng	100
78) Pyrene	19.23	202	1975234	43.759 ng	100
80) Butylbenzylphthalate	20.17	149	811775	44.472 ng	99
81) Benzo(a)anthracene	21.00	228	1664514	40.591 ng	100
82) 3,3'-Dichlorobenzidine	20.94	252	531603	41.902 ng	98
83) Chrysene	21.05	228	1586637	40.602 ng	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	1140768	43.830 ng	100
85) Di-n-octyl phthalate	21.80	149	1702396	42.400 ng	99
87) Indeno(1,2,3-cd)pyrene	25.14	276	1462266	43.734 ng	99
88) Benzo(b)fluoranthene	22.49	252	1409208	40.530 ng	99
89) Benzo(k)fluoranthene	22.53	252	1382540	40.928 ng	99
90) Benzo(a)pyrene	23.01	252	1259976	40.801 ng	99
91) Dibenzo(a,h)anthracene	25.15	278	1216668	43.588 ng	99
92) Benzo(g,h,i)perylene	25.75	276	1168193	43.980 ng	100

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

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