Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
Data File : BM024678.D
Acq On : 31 Jan 2020 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/3/2020 4:11:04 PM

Quant Time: Feb 01 02:10:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	182375	20.00	ng		-0.02
21) Naphthalene-d8	10.18	136	663473	20.00	ng		-0.02
39) Acenaphthene-d10	14.07	164	466325	20.00	ng		-0.02
64) Phenanthrene-d10	16.83	188	1067503	20.00	ng		-0.02
76) Chrysene-d12	21.04	240	1139896	20.00	ng		-0.01
87) Perylene-d12	23.15	264	1318079	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	843595	87.97	ng		-0.02
7) Phenol-d6	6.63	99	1064337	80.57	ng		-0.02
23) Nitrobenzene-d5	8.56	82	1060188	78.37	ng		-0.02
42) 2,4,6-Tribromophenol	15.57	330	716390	94.44	ng		-0.02
45) 2-Fluorobiphenyl	12.69	172	3019120	88.02	ng		-0.02
79) Terphenyl-d14	19.49	244	5640734	92.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	160383	42.279	ng		92
3) Pyridine	3.44	79	455007	41.376	ng		95
4) n-Nitrosodimethylamine	3.35	42	168545	34.529	ng		89
6) Aniline	6.76	93	626616	38.964	ng		97
8) 2-Chlorophenol	7.00	128	470414	43.091	ng		92
9) Benzaldehyde	6.58	77	285200	36.537	ng		94
10) Phenol	6.65	94	526665	39.994	ng		94
11) bis(2-Chloroethyl)ether	6.87	93	413444	39.218	ng		96
12) 1,3-Dichlorobenzene	7.32	146	606662	45.235	ng		96
13) 1,4-Dichlorobenzene	7.46	146	609034	44.763	ng		98
14) 1,2-Dichlorobenzene	7.77	146	579523	44.127	ng		98
15) Benzyl Alcohol	7.67	79	407878	37.448	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.96	45	324787	33.654	ng		98
17) 2-Methylphenol	7.87	107	369539	39.822	ng		96
18) Hexachloroethane	8.49	117	215276	40.975	ng		92
19) n-Nitroso-di-n-propylamine	8.23	70	330422	33.313	ng		94
20) 3+4-Methylphenols	8.20	107	504000	39.235	ng		96
22) Acetophenone	8.24	105	711525	41.590	ng	#	96
24) Nitrobenzene	8.60	77	507395	39.137	ng		94
25) Isophorone	9.13	82	888267	38.641	ng		97
26) 2-Nitrophenol	9.31	139	281734	46.931	ng	#	88
27) 2,4-Dimethylphenol	9.39	122	359160	44.027	ng		94
28) bis(2-Chloroethoxy)methane	9.62	93	577554	41.129	ng		99
29) 2,4-Dichlorophenol	9.85	162	521995	47.362	ng		97
30) 1,2,4-Trichlorobenzene	10.06	180	635868	47.837	ng		99
31) Naphthalene	10.23	128	1482610	44.243	ng		100
32) Benzoic acid	9.55	122	363930m	48.768	ng		
33) 4-Chloroaniline	10.35	127	650128	44.261	ng		95
34) Hexachlorobutadiene	10.53	225	443005	48.211	ng		99
35) Caprolactam	11.13	113	148794m	42.080	ng		
36) 4-Chloro-3-methylphenol	11.49	107	481601	41.094	ng		91
37) 2-Methylnaphthalene	11.86	142	1124072	43.467	ng		98
38) 1-Methylnaphthalene	12.08	142	1071960	43.577	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	757872	45.536	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	347630	37.264	ng		99
43) 2,4,6-Trichlorophenol	12.49	196	485933	45.882	ng		99
44) 2,4,5-Trichlorophenol	12.56	196	494001	45.672	ng	#	94
46) 1,1'-Biphenyl	12.90	154	1549145	43.897	ng		98
47) 2-Chloronaphthalene	12.93	162	1260471	44.242	ng		97
48) 2-Nitroaniline	13.15	65	312094	35.917	ng		85
49) Acenaphthylene	13.79	152	1852503	43.435	ng		100
50) Dimethylphthalate	13.55	163	1599505	42.418	ng		100
51) 2,6-Dinitrotoluene	13.66	165	347892	43.394	ng	#	86
52) Acenaphthene	14.14	154	1145208	43.272	ng		99
53) 3-Nitroaniline	13.99	138	353908	42.562	ng		92
54) 2,4-Dinitrophenol	14.20	184	220835	46.064	ng	#	86
55) Dibenzofuran	14.48	168	1877882	43.508	ng		96
56) 4-Nitrophenol	14.32	139	289703	44.571	ng	#	82
57) 2,4-Dinitrotoluene	14.46	165	495473	43.123	ng	#	84
58) Fluorene	15.13	166	1524820	42.038	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	490038	44.676	ng		93
60) Diethylphthalate	14.93	149	1554694	40.611	ng		99
61) 4-Chlorophenyl-phenylether	15.14	204	875444	41.863	ng		98
62) 4-Nitroaniline	15.16	138	387466	42.215	ng		90
63) Azobenzene	15.43	77	1160498	35.539	ng		93
65) 4,6-Dinitro-2-methylphenol	15.23	198	295267	47.042	ng		82
66) n-Nitrosodiphenylamine	15.36	169	1341363	43.744	ng		99
67) 4-Bromophenyl-phenylether	16.03	248	594394	44.775	ng		96
68) Hexachlorobenzene	16.14	284	714514	46.903	ng		97
69) Atrazine	16.32	200	451589	38.367	ng		99
70) Pentachlorophenol	16.49	266	432140	46.570	ng		99
71) Phenanthrene	16.87	178	2554708	44.194	ng		100
72) Anthracene	16.96	178	2492416	44.065	ng		100
73) Carbazole	17.24	167	2298480	44.638	ng		99
74) Di-n-butylphthalate	17.83	149	2742358	41.660	ng		99
75) Fluoranthene	18.90	202	3237199	44.868	ng		99
77) Benzidine	19.10	184	1294682	48.770	ng		100
78) Pyrene	19.26	202	3348095	44.554	ng		100
80) Butylbenzylphthalate	20.20	149	1312147	41.613	ng		92
81) Benzo(a)anthracene	21.03	228	3508841	44.351	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	1404044	49.334	ng		100
83) Chrysene	21.08	228	3390658	44.914	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1868884	40.168	ng		98
85) Di-n-octyl phthalate	21.85	149	3224233	41.946	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	4199822	51.042	ng		98
88) Benzo(b)fluoranthene	22.53	252	3839300	44.911	ng		99
89) Benzo(k)fluoranthene	22.57	252	3494977	41.884	ng		99
90) Benzo(a)pyrene	23.06	252	3450447	44.394	ng		99
91) Dibenzo(a,h)anthracene	25.23	278	3526319	47.802	ng		99
92) Benzo(g,h,i)perylene	25.84	276	3405422	50.839	ng		98

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

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