Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
Data File : BM026400.D
Acq On : 15 Jun 2020 20:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 15 20:53:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 12:22:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	90927	20.00	ng		0.00
21) Naphthalene-d8	10.16	136	378537	20.00	ng		0.00
39) Acenaphthene-d10	14.06	164	232020	20.00	ng		0.00
64) Phenanthrene-d10	16.81	188	493962	20.00	ng		0.00
76) Chrysene-d12	21.02	240	523710	20.00	ng		0.00
86) Perylene-d12	23.11	264	543055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	411974	80.11	ng		0.00
7) Phenol-d6	6.61	99	589087	79.10	ng		0.00
23) Nitrobenzene-d5	8.55	82	618544	80.23	ng		0.00
42) 2,4,6-Tribromophenol	15.56	330	225809	80.34	ng		0.00
45) 2-Fluorobiphenyl	12.67	172	1248675	81.69	ng		0.00
79) Terphenyl-d14	19.47	244	1996968	74.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	93358	40.264	ng		98
3) Pyridine	3.40	79	262487	38.543	ng		99
4) n-Nitrosodimethylamine	3.32	42	131561	39.017	ng		93
6) Aniline	6.75	93	378991	38.799	ng		97
8) 2-Chlorophenol	6.97	128	233664	39.391	ng		98
9) Benzaldehyde	6.56	77	162036	34.123	ng		96
10) Phenol	6.63	94	311849	39.321	ng		96
11) bis(2-Chloroethyl)ether	6.85	93	245634	38.453	ng		99
12) 1,3-Dichlorobenzene	7.29	146	262683	39.997	ng		99
13) 1,4-Dichlorobenzene	7.44	146	264809	39.585	ng		100
14) 1,2-Dichlorobenzene	7.75	146	258960	39.629	ng		97
15) Benzyl Alcohol	7.66	79	245530	38.826	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.95	45	455435	38.175	ng		99
17) 2-Methylphenol	7.86	107	227970	39.329	ng		98
18) Hexachloroethane	8.46	117	101269	39.972	ng		98
19) n-Nitroso-di-n-propylamine	8.22	70	225308	38.825	ng		96
20) 3+4-Methylphenols	8.19	107	310213	39.265	ng		99
22) Acetophenone	8.22	105	388474	39.911	ng	#	97
24) Nitrobenzene	8.59	77	323158	40.042	ng		100
25) Isophorone	9.12	82	578621	39.950	ng		99
26) 2-Nitrophenol	9.29	139	130568	40.879	ng		95
27) 2,4-Dimethylphenol	9.37	122	199789	39.623	ng		93
28) bis(2-Chloroethoxy)methane	9.60	93	324017	39.431	ng		99
29) 2,4-Dichlorophenol	9.83	162	220877	39.925	ng		99
30) 1,2,4-Trichlorobenzene	10.03	180	243041	40.063	ng		98
31) Naphthalene	10.21	128	752356	39.441	ng		99
32) Benzoic acid	9.53	122	115824	30.656	ng		98
33) 4-Chloroaniline	10.33	127	324451	38.997	ng		97
34) Hexachlorobutadiene	10.50	225	158036	41.265	ng		98
35) Caprolactam	11.12	113	76710	39.467	ng		95
36) 4-Chloro-3-methylphenol	11.48	107	264257	39.200	ng		97
37) 2-Methylnaphthalene	11.83	142	530122	38.998	ng		98
38) 1-Methylnaphthalene	12.06	142	502572	39.029	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	272769	41.300	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.20	237	136484	35.067	ng	97
43) 2,4,6-Trichlorophenol	12.47	196	180235	40.317	ng	99
44) 2,4,5-Trichlorophenol	12.55	196	211861	40.828	ng	98
46) 1,1'-Biphenyl	12.88	154	655738	40.312	ng	100
47) 2-Chloronaphthalene	12.92	162	532812	40.326	ng	98
48) 2-Nitroaniline	13.13	65	210676	40.233	ng	98
49) Acenaphthylene	13.77	152	846060	40.036	ng	100
50) Dimethylphthalate	13.53	163	673188	39.668	ng	100
51) 2,6-Dinitrotoluene	13.65	165	148578	39.898	ng	97
52) Acenaphthene	14.12	154	506348	39.912	ng	98
53) 3-Nitroaniline	13.98	138	162870	39.276	ng	96
54) 2,4-Dinitrophenol	14.19	184	80821	35.710	ng	97
55) Dibenzofuran	14.46	168	807899	39.523	ng	99
56) 4-Nitrophenol	14.32	139	120192	36.550	ng	98
57) 2,4-Dinitrotoluene	14.44	165	205339	39.657	ng	99
58) Fluorene	15.12	166	659899	39.745	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.70	232	175266	39.489	ng	100
60) Diethylphthalate	14.92	149	682594	39.489	ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	350643	39.815	ng	100
62) 4-Nitroaniline	15.15	138	170301	38.509	ng	99
63) Azobenzene	15.42	77	746409	39.467	ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	117446	39.100	ng	94
66) n-Nitrosodiphenylamine	15.34	169	571082	39.909	ng	99
67) 4-Bromophenyl-phenylether	16.02	248	216675	39.847	ng	99
68) Hexachlorobenzene	16.13	284	228225	40.222	ng	95
69) Atrazine	16.31	200	175008	40.937	ng	98
70) Pentachlorophenol	16.47	266	125451	36.714	ng	96
71) Phenanthrene	16.85	178	1015908	39.494	ng	100
72) Anthracene	16.94	178	1018822	39.685	ng	99
73) Carbazole	17.22	167	970407	39.860	ng	100
74) Di-n-butylphthalate	17.80	149	1167108	40.650	ng	99
75) Fluoranthene	18.88	202	1202726	40.782	ng	99
77) Benzidine	19.08	184	419760	38.587	ng	99
78) Pyrene	19.24	202	1242751	35.914	ng	100
80) Butylbenzylphthalate	20.18	149	540754	38.644	ng	97
81) Benzo(a)anthracene	21.00	228	1242993	39.541	ng	100
82) 3,3'-Dichlorobenzidine	20.95	252	436133	44.843	ng	99
83) Chrysene	21.06	228	1203047	40.160	ng	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	804795	40.336	ng	100
85) Di-n-octyl phthalate	21.81	149	1373308	44.618	ng	100
87) Indeno(1,2,3-cd)pyrene	25.16	276	1420437	45.217	ng	99
88) Benzo(b)fluoranthene	22.50	252	1273677	38.989	ng	99
89) Benzo(k)fluoranthene	22.54	252	1178743	37.140	ng	100
90) Benzo(a)pyrene	23.02	252	1154544	39.792	ng	99
91) Dibenzo(a,h)anthracene	25.16	278	1184656	45.172	ng	99
92) Benzo(g,h,i)perylene	25.77	276	1141805	45.752	ng	99

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

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