Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041921\
Data File : BM029535.D
Acq On : 19 Apr 2021 11:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 19 12:36:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 11:56:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	108757	20.00	ng		0.00
21) Naphthalene-d8	10.451	136	433899	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	246055	20.00	ng		0.00
64) Phenanthrene-d10	17.051	188	474172	20.00	ng		0.00
76) Chrysene-d12	21.233	240	444343	20.00	ng		0.00
86) Perylene-d12	23.438	264	419008	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	514688	78.14	ng		0.00
7) Phenol-d6	6.851	99	746236	80.25	ng		0.00
23) Nitrobenzene-d5	8.822	82	799516	84.48	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	224200	91.16	ng		0.00
45) 2-Fluorobiphenyl	12.927	172	1514310	85.74	ng		0.00
79) Terphenyl-d14	19.686	244	2050322	87.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	107229	37.46	ng		92
3) Pyridine	3.599	79	268239	37.07	ng		93
4) n-Nitrosodimethylamine	3.516	42	168841	48.92	ng		96
6) Aniline	7.004	93	410127	40.40	ng		97
8) 2-Chlorophenol	7.234	128	299685	41.11	ng		95
9) Benzaldehyde	6.816	77	206458	35.28	ng		96
10) Phenol	6.875	94	364983	39.91	ng		99
11) bis(2-Chloroethyl)ether	7.098	93	296473	42.81	ng		99
12) 1,3-Dichlorobenzene	7.557	146	317040	39.95	ng		96
13) 1,4-Dichlorobenzene	7.704	146	326604	40.46	ng		97
14) 1,2-Dichlorobenzene	8.016	146	317066	40.84	ng		100
15) Benzyl Alcohol	7.910	79	298899	43.60	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.198	45	474899	45.75	ng		100
17) 2-Methylphenol	8.116	107	244197	40.99	ng		98
18) Hexachloroethane	8.739	117	137303	43.50	ng		94
19) n-Nitroso-di-n-propyla...	8.475	70	285464	45.41	ng		94
20) 3+4-Methylphenols	8.445	107	333418	41.28	ng		97
22) Acetophenone	8.486	105	464676	41.41	ng	#	95
24) Nitrobenzene	8.863	77	403615	41.56	ng		98
25) Isophorone	9.392	82	742499	43.85	ng		97
26) 2-Nitrophenol	9.569	139	164160	42.31	ng		91
27) 2,4-Dimethylphenol	9.633	122	241229	39.60	ng		95
28) bis(2-Chloroethoxy)met...	9.869	93	365108	41.73	ng		99
29) 2,4-Dichlorophenol	10.104	162	268233	39.76	ng		97
30) 1,2,4-Trichlorobenzene	10.316	180	280113	38.43	ng		98
31) Naphthalene	10.498	128	917910	40.14	ng		100
32) Benzoic acid	9.792	122	184299	40.04	ng		93
33) 4-Chloroaniline	10.616	127	355199	38.55	ng		98
34) Hexachlorobutadiene	10.780	225	171226	39.89	ng		99
35) Caprolactam	11.410	113	87901	41.45	ng	#	85
36) 4-Chloro-3-methylphenol	11.745	107	301820	41.54	ng		92
37) 2-Methylnaphthalene	12.116	142	658567	40.86	ng		98
38) 1-Methylnaphthalene	12.339	142	622159	40.81	ng		99
40) 1,2,4,5-Tetrachloroben...	12.492	216	276616	40.09	ng	#	97
41) Hexachlorocyclopentadiene	12.469	237	168090	41.99	ng		99
43) 2,4,6-Trichlorophenol	12.733	196	200954	41.03	ng		98

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44) 2,4,5-Trichlorophenol	12.804	196	215374	40.77	ng		93
46) 1,1'-Biphenyl	13.139	154	815934	42.84	ng		98
47) 2-Chloronaphthalene	13.180	162	615246	41.76	ng		97
48) 2-Nitroaniline	13.392	65	231714	47.14	ng		92
49) Acenaphthylene	14.033	152	977590	42.53	ng		99
50) Dimethylphthalate	13.774	163	769549	43.31	ng		99
51) 2,6-Dinitrotoluene	13.892	165	168096	42.50	ng	#	85
52) Acenaphthene	14.374	154	599621	42.19	ng		99
53) 3-Nitroaniline	14.221	138	163737	40.56	ng		97
54) 2,4-Dinitrophenol	14.427	184	92304	44.34	ng	#	83
55) Dibenzofuran	14.710	168	925258	41.52	ng		95
56) 4-Nitrophenol	14.539	139	136638	39.73	ng		91
57) 2,4-Dinitrotoluene	14.680	165	226225	43.19	ng		89
58) Fluorene	15.357	166	779239	42.64	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	171162	42.13	ng		89
60) Diethylphthalate	15.145	149	829382	45.70	ng		98
61) 4-Chlorophenyl-phenyle...	15.357	204	357395	42.70	ng		92
62) 4-Nitroaniline	15.386	138	170328	40.12	ng		90
63) Azobenzene	15.651	77	997722	47.78	ng		96
65) 4,6-Dinitro-2-methylph...	15.445	198	130001	42.89	ng		87
66) n-Nitrosodiphenylamine	15.574	169	658301	41.98	ng		98
67) 4-Bromophenyl-phenylether	16.251	248	198532	42.14	ng		94
68) Hexachlorobenzene	16.362	284	214116	41.39	ng		91
69) Atrazine	16.527	200	221030	42.29	ng		99
70) Pentachlorophenol	16.709	266	137188	49.58	ng		97
71) Phenanthrene	17.092	178	1113548	40.61	ng		99
72) Anthracene	17.186	178	1121855	41.43	ng		99
73) Carbazole	17.456	167	1060788	40.12	ng		98
74) Di-n-butylphthalate	18.027	149	1483986	48.95	ng		99
75) Fluoranthene	19.109	202	1217469	39.85	ng		99
77) Benzidine	19.303	184	342210	23.75	ng		98
78) Pyrene	19.474	202	1245562	40.34	ng		100
80) Butylbenzylphthalate	20.380	149	678517	48.80	ng		91
81) Benzo(a)anthracene	21.221	228	1164308	39.26	ng		99
82) 3,3'-Dichlorobenzidine	21.156	252	394396	39.59	ng		99
83) Chrysene	21.274	228	1128326	38.86	ng		100
84) Bis(2-ethylhexyl)phtha...	21.156	149	1133355	52.98	ng		98
85) Di-n-octyl phthalate	22.027	149	1799652	49.02	ng		97
87) Indeno(1,2,3-cd)pyrene	25.662	276	1226565	39.71	ng		98
88) Benzo(b)fluoranthene	22.780	252	1169206	42.49	ng		99
89) Benzo(k)fluoranthene	22.827	252	1069509	40.65	ng		99
90) Benzo(a)pyrene	23.344	252	1026275	40.79	ng		97
91) Dibenzo(a,h)anthracene	25.674	278	1062683	40.07	ng		99
92) Benzo(g,h,i)perylene	26.338	276	986510	38.59	ng		97

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

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