Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091720\
Data File : BM027451.D
Acq On : 17 Sep 2020 17:29
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Sep 17 18:06:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 18:05:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.504	152	136422	20.00	ng		0.00
21) Naphthalene-d8	10.269	136	485485	20.00	ng		0.00
39) Acenaphthene-d10	14.151	164	340345	20.00	ng		0.00
64) Phenanthrene-d10	16.898	188	775111	20.00	ng		0.00
76) Chrysene-d12	21.109	240	888435	20.00	ng		0.00
86) Perylene-d12	23.250	264	885479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.122	112	580131	70.80	ng		0.00
7) Phenol-d6	6.693	99	791885	71.61	ng		0.00
23) Nitrobenzene-d5	8.651	82	872985	76.82	ng		0.00
42) 2,4,6-Tribromophenol	15.651	330	423329	70.94	ng		0.00
45) 2-Fluorobiphenyl	12.769	172	1919239	74.99	ng		0.00
79) Terphenyl-d14	19.551	244	3650227	71.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	143781	41.15	ng		99
3) Pyridine	3.475	79	370487	36.50	ng		97
4) n-Nitrosodimethylamine	3.387	42	143812	35.90	ng	#	98
6) Aniline	6.840	93	451932	33.62	ng		99
8) 2-Chlorophenol	7.075	128	298276	35.76	ng		99
9) Benzaldehyde	6.651	77	262259	30.15	ng		97
10) Phenol	6.722	94	376397	35.42	ng		98
11) bis(2-Chloroethyl)ether	6.940	93	318829	35.66	ng		98
12) 1,3-Dichlorobenzene	7.393	146	383484	36.93	ng		98
13) 1,4-Dichlorobenzene	7.540	146	384074	36.79	ng		98
14) 1,2-Dichlorobenzene	7.851	146	368623	36.74	ng		99
15) Benzyl Alcohol	7.745	79	322267	33.91	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.040	45	251659	37.16	ng		99
17) 2-Methylphenol	7.951	107	248764	34.48	ng		97
18) Hexachloroethane	8.569	117	154905	37.03	ng		95
19) n-Nitroso-di-n-propyla...	8.310	70	298732	33.92	ng		99
20) 3+4-Methylphenols	8.281	107	341889	34.73	ng		97
22) Acetophenone	8.316	105	494321	36.17	ng		99
24) Nitrobenzene	8.687	77	436147	36.87	ng		100
25) Isophorone	9.216	82	693311	34.68	ng		99
26) 2-Nitrophenol	9.392	139	166295	37.87	ng		98
27) 2,4-Dimethylphenol	9.469	122	228059	30.41	ng		99
28) bis(2-Chloroethoxy)met...	9.704	93	432921	37.75	ng		100
29) 2,4-Dichlorophenol	9.928	162	318242	36.85	ng		97
30) 1,2,4-Trichlorobenzene	10.139	180	397716	38.57	ng		99
31) Naphthalene	10.322	128	946391	36.39	ng		99
32) Benzoic acid	9.622	122	165207	34.25	ng		97
33) 4-Chloroaniline	10.434	127	388649	35.20	ng		100
34) Hexachlorobutadiene	10.616	225	283844	40.74	ng		98
35) Caprolactam	11.216	113	86755	34.14	ng		96
36) 4-Chloro-3-methylphenol	11.575	107	327581	35.31	ng		99
37) 2-Methylnaphthalene	11.945	142	722513	35.46	ng		98
38) 1-Methylnaphthalene	12.163	142	692407	36.19	ng		99
40) 1,2,4,5-Tetrachloroben...	12.322	216	454243	37.07	ng		99
41) Hexachlorocyclopentadiene	12.310	237	252725	31.34	ng		98
43) 2,4,6-Trichlorophenol	12.569	196	291910	38.86	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.645	196	298804	36.59	ng	99
46) 1,1'-Biphenyl	12.980	154	975799	36.23	ng	100
47) 2-Chloronaphthalene	13.016	162	820056	38.40	ng	99
48) 2-Nitroaniline	13.222	65	265319	40.63	ng	98
49) Acenaphthylene	13.869	152	1195783	36.96	ng	100
50) Dimethylphthalate	13.622	163	1049362	37.51	ng	100
51) 2,6-Dinitrotoluene	13.733	165	217737	36.54	ng	98
52) Acenaphthene	14.216	154	746540	37.19	ng	98
53) 3-Nitroaniline	14.063	138	210465	39.29	ng	98
54) 2,4-Dinitrophenol	14.274	184	117717	34.71	ng	96
55) Dibenzofuran	14.557	168	1229691	36.22	ng	99
56) 4-Nitrophenol	14.386	139	160611	34.07	ng	95
57) 2,4-Dinitrotoluene	14.527	165	312032	37.79	ng	99
58) Fluorene	15.204	166	1026152	36.00	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.786	232	304315	38.55	ng	99
60) Diethylphthalate	14.998	149	1079438	37.52	ng	99
61) 4-Chlorophenyl-phenyle...	15.210	204	585131	37.37	ng	100
62) 4-Nitroaniline	15.227	138	223364	39.75	ng	93
63) Azobenzene	15.504	77	1094023	36.76	ng	99
65) 4,6-Dinitro-2-methylph...	15.298	198	164581	33.09	ng	96
66) n-Nitrosodiphenylamine	15.421	169	875628	36.52	ng	99
67) 4-Bromophenyl-phenylether	16.104	248	375192	39.21	ng	98
68) Hexachlorobenzene	16.215	284	438659	39.27	ng	98
69) Atrazine	16.386	200	333450	47.54	ng	99
70) Pentachlorophenol	16.557	266	243047	35.98	ng	98
71) Phenanthrene	16.939	178	1665877	36.96	ng	100
72) Anthracene	17.033	178	1618740	35.59	ng	100
73) Carbazole	17.304	167	1452428	36.58	ng	100
74) Di-n-butylphthalate	17.892	149	1911395	40.02	ng	99
75) Fluoranthene	18.968	202	2049918	37.49	ng	99
77) Benzidine	19.162	184	710663	28.50	ng	99
78) Pyrene	19.333	202	2121536	35.01	ng	99
80) Butylbenzylphthalate	20.256	149	898753	39.64	ng	95
81) Benzo(a)anthracene	21.092	228	2195712	37.02	ng	99
82) 3,3'-Dichlorobenzidine	21.033	252	788133	35.10	ng	99
83) Chrysene	21.145	228	2155639	37.40	ng	99
84) Bis(2-ethylhexyl)phtha...	21.050	149	1375358	41.79	ng	99
85) Di-n-octyl phthalate	21.909	149	2301324	42.01	ng	99
87) Indeno(1,2,3-cd)pyrene	25.380	276	2541408	42.32	ng	99
88) Benzo(b)fluoranthene	22.615	252	2312476	37.54	ng	100
89) Benzo(k)fluoranthene	22.656	252	2214898	37.20	ng	99
90) Benzo(a)pyrene	23.156	252	2065381	39.65	ng	100
91) Dibenzo(a,h)anthracene	25.385	278	2120439	41.81	ng	99
92) Benzo(g,h,i)perylene	26.021	276	2034067	41.62	ng	100

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

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