Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091720\
Data File : BM027452.D
Acq On : 17 Sep 2020 18:05
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Sep 17 18:37:29 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	174691	20.00	ng		0.00
21) Naphthalene-d8	10.269	136	620043	20.00	ng		0.00
39) Acenaphthene-d10	14.151	164	413463	20.00	ng		0.00
64) Phenanthrene-d10	16.898	188	899723	20.00	ng		0.00
76) Chrysene-d12	21.109	240	896407	20.00	ng		0.00
86) Perylene-d12	23.250	264	846233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.122	112	955504	91.06	ng		0.00
7) Phenol-d6	6.698	99	1329637	93.90	ng		0.00
23) Nitrobenzene-d5	8.651	82	1441591	99.33	ng		0.00
42) 2,4,6-Tribromophenol	15.651	330	674506	93.04	ng		0.00
45) 2-Fluorobiphenyl	12.769	172	3135659	100.86	ng		0.00
79) Terphenyl-d14	19.550	244	5182831	100.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	226462	50.62	ng		98
3) Pyridine	3.469	79	621865	47.85	ng		98
4) n-Nitrosodimethylamine	3.387	42	227046	44.27	ng	#	96
6) Aniline	6.845	93	746050	43.35	ng		99
8) 2-Chlorophenol	7.075	128	496951	46.52	ng		99
9) Benzaldehyde	6.651	77	415626	37.31	ng		98
10) Phenol	6.722	94	626960	46.08	ng		97
11) bis(2-Chloroethyl)ether	6.945	93	531607	46.43	ng		99
12) 1,3-Dichlorobenzene	7.392	146	634674	47.73	ng		99
13) 1,4-Dichlorobenzene	7.539	146	644672	48.22	ng		98
14) 1,2-Dichlorobenzene	7.851	146	608506	47.37	ng		99
15) Benzyl Alcohol	7.751	79	539996	44.38	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.039	45	418104	48.22	ng		100
17) 2-Methylphenol	7.951	107	426928	46.21	ng		99
18) Hexachloroethane	8.569	117	257277	48.02	ng		93
19) n-Nitroso-di-n-propyla...	8.316	70	487365	43.22	ng		99
20) 3+4-Methylphenols	8.286	107	567601	45.03	ng		96
22) Acetophenone	8.322	105	814860	46.68	ng		98
24) Nitrobenzene	8.692	77	728003	48.18	ng		99
25) Isophorone	9.222	82	1138241	44.58	ng		99
26) 2-Nitrophenol	9.398	139	283279	50.51	ng		95
27) 2,4-Dimethylphenol	9.475	122	379559	39.63	ng		97
28) bis(2-Chloroethoxy)met...	9.704	93	719155	49.10	ng		98
29) 2,4-Dichlorophenol	9.928	162	535165	48.52	ng		98
30) 1,2,4-Trichlorobenzene	10.139	180	664853	50.49	ng		98
31) Naphthalene	10.322	128	1572139	47.33	ng		99
32) Benzoic acid	9.651	122	309041	50.17	ng		96
33) 4-Chloroaniline	10.433	127	648379	45.98	ng		99
34) Hexachlorobutadiene	10.616	225	472740	53.13	ng		99
35) Caprolactam	11.233	113	138626	42.71	ng		98
36) 4-Chloro-3-methylphenol	11.580	107	526943	44.47	ng		95
37) 2-Methylnaphthalene	11.945	142	1192070	45.80	ng		99
38) 1-Methylnaphthalene	12.169	142	1125616	46.06	ng		100
40) 1,2,4,5-Tetrachloroben...	12.327	216	746323	50.14	ng		98
41) Hexachlorocyclopentadiene	12.310	237	439296	44.84	ng		98
43) 2,4,6-Trichlorophenol	12.574	196	480041	52.60	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.645	196	488671	49.26	ng	98
46) 1,1'-Biphenyl	12.980	154	1587065	48.50	ng	100
47) 2-Chloronaphthalene	13.016	162	1329966	51.26	ng	99
48) 2-Nitroaniline	13.227	65	416391	52.48	ng	99
49) Acenaphthylene	13.868	152	1911242	48.62	ng	100
50) Dimethylphthalate	13.627	163	1632018	48.02	ng	100
51) 2,6-Dinitrotoluene	13.733	165	349957	48.34	ng	98
52) Acenaphthene	14.215	154	1199824	49.20	ng	98
53) 3-Nitroaniline	14.063	138	333106	51.19	ng	99
54) 2,4-Dinitrophenol	14.274	184	195226	47.39	ng	96
55) Dibenzofuran	14.557	168	1936902	46.96	ng	99
56) 4-Nitrophenol	14.386	139	253681	44.30	ng	96
57) 2,4-Dinitrotoluene	14.527	165	482886	48.14	ng	100
58) Fluorene	15.210	166	1619195	46.77	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.786	232	472245	49.24	ng	100
60) Diethylphthalate	15.004	149	1656298	47.38	ng	100
61) 4-Chlorophenyl-phenyle...	15.210	204	930739	48.93	ng	99
62) 4-Nitroaniline	15.233	138	348789	51.09	ng	96
63) Azobenzene	15.504	77	1685576	46.62	ng	99
65) 4,6-Dinitro-2-methylph...	15.298	198	261341	45.26	ng	99
66) n-Nitrosodiphenylamine	15.427	169	1357362	48.77	ng	99
67) 4-Bromophenyl-phenylether	16.104	248	581796	52.37	ng	100
68) Hexachlorobenzene	16.215	284	668819	51.58	ng	98
69) Atrazine	16.392	200	499539	61.36	ng	100
70) Pentachlorophenol	16.557	266	378162	48.23	ng	99
71) Phenanthrene	16.945	178	2526489	48.29	ng	99
72) Anthracene	17.033	178	2457063	46.53	ng	98
73) Carbazole	17.304	167	2133395	46.28	ng	100
74) Di-n-butylphthalate	17.892	149	2804896	50.59	ng	100
75) Fluoranthene	18.968	202	2960890	46.65	ng	99
77) Benzidine	19.162	184	1035361	41.16	ng	100
78) Pyrene	19.333	202	3025829	49.50	ng	100
80) Butylbenzylphthalate	20.262	149	1239162	54.17	ng	99
81) Benzo(a)anthracene	21.092	228	2912407	48.66	ng	99
82) 3,3'-Dichlorobenzidine	21.033	252	1040324	45.92	ng	100
83) Chrysene	21.144	228	2805588	48.24	ng	99
84) Bis(2-ethylhexyl)phtha...	21.050	149	1827977	55.05	ng	99
85) Di-n-octyl phthalate	21.909	149	2933882	53.08	ng	100
87) Indeno(1,2,3-cd)pyrene	25.379	276	3220350	56.12	ng	100
88) Benzo(b)fluoranthene	22.615	252	2939124	49.93	ng	99
89) Benzo(k)fluoranthene	22.662	252	2830124	49.73	ng	99
90) Benzo(a)pyrene	23.162	252	2637125	52.97	ng	99
91) Dibenzo(a,h)anthracene	25.385	278	2671087	55.11	ng	99
92) Benzo(g,h,i)perylene	26.021	276	2562909	54.87	ng	99

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

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