Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103020\
Data File : BM027663.D
Acq On : 30 Oct 2020 16:37
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Quant Time: Oct 30 17:09:08 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 16:40:11 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	30486	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	113214	20.00	ng		# 0.00
39) Acenaphthene-d10	15.016	164	71678	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	157812	20.00	ng		0.00
76) Chrysene-d12	21.827	240	154032	20.00	ng		0.00
86) Perylene-d12	24.280	264	148573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.875	112	223965	122.31	ng		0.00
7) Phenol-d6	7.528	99	320291	129.62	ng		0.00
23) Nitrobenzene-d5	9.581	82	307383	115.99	ng		0.00
42) 2,4,6-Tribromophenol	16.480	330	106663	84.87	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	585167	108.57	ng		0.00
79) Terphenyl-d14	20.286	244	932335	105.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	47129	60.36	ng	#	69
3) Pyridine	4.016	79	141471	62.38	ng	#	50
4) n-Nitrosodimethylamine	3.922	42	84648	94.57	ng	#	50
6) Aniline	7.710	93	181576	60.45	ng		99
8) 2-Chlorophenol	7.957	128	112948	60.59	ng		97
9) Benzaldehyde	7.516	77	71739	36.90	ng		93
10) Phenol	7.551	94	151556	63.83	ng		99
11) bis(2-Chloroethyl)ether	7.804	93	113922	57.01	ng		92
12) 1,3-Dichlorobenzene	8.293	146	134083	57.79	ng		98
13) 1,4-Dichlorobenzene	8.440	146	134458	57.63	ng		98
14) 1,2-Dichlorobenzene	8.769	146	127825	57.02	ng		97
15) Benzyl Alcohol	8.634	79	125356	59.03	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.940	45	177647	117.39	ng		72
17) 2-Methylphenol	8.834	107	100333	62.23	ng		96
18) Hexachloroethane	9.516	117	53563	57.29	ng		91
19) n-Nitroso-di-n-propyla...	9.216	70	102440	52.06	ng	#	71
20) 3+4-Methylphenols	9.163	107	135257	61.48	ng		97
22) Acetophenone	9.234	105	188544	59.16	ng	#	85
24) Nitrobenzene	9.628	77	153913	55.79	ng		96
25) Isophorone	10.151	82	254419	54.57	ng		98
26) 2-Nitrophenol	10.345	139	55648	54.34	ng		97
27) 2,4-Dimethylphenol	10.387	122	96411	55.12	ng		97
28) bis(2-Chloroethoxy)met...	10.634	93	153226	57.29	ng		99
29) 2,4-Dichlorophenol	10.875	162	108822	54.04	ng		98
30) 1,2,4-Trichlorobenzene	11.104	180	126028	52.42	ng		100
31) Naphthalene	11.298	128	349577	57.64	ng		100
32) Benzoic acid	10.498	122	67708	60.20	ng		90
33) 4-Chloroaniline	11.387	127	160375	62.29	ng		98
34) Hexachlorobutadiene	11.581	225	81002	49.85	ng		99
35) Caprolactam	12.145	113	38180	64.42	ng	#	41
36) 4-Chloro-3-methylphenol	12.475	107	126851	58.63	ng		97
37) 2-Methylnaphthalene	12.881	142	252987	53.24	ng		99
38) 1-Methylnaphthalene	13.092	142	237638	53.26	ng		98
40) 1,2,4,5-Tetrachloroben...	13.233	216	131857	51.10	ng		98
41) Hexachlorocyclopentadiene	13.216	237	73760	43.43	ng		98
43) 2,4,6-Trichlorophenol	13.457	196	90404	57.14	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.528	196	96874	56.33	ng		93
46) 1,1'-Biphenyl	13.863	154	318417	56.13	ng		100
47) 2-Chloronaphthalene	13.910	162	267192	59.40	ng		97
48) 2-Nitroaniline	14.092	65	102323	74.40	ng		99
49) Acenaphthylene	14.745	152	408323	59.92	ng		100
50) Dimethylphthalate	14.457	163	341875	58.03	ng		99
51) 2,6-Dinitrotoluene	14.575	165	71865	57.26	ng		90
52) Acenaphthene	15.080	154	269260	63.69	ng		99
53) 3-Nitroaniline	14.898	138	81251	72.03	ng	#	94
54) 2,4-Dinitrophenol	15.098	184	34377	48.14	ng	#	23
55) Dibenzofuran	15.410	168	388888	54.38	ng		96
56) 4-Nitrophenol	15.174	139	65109	65.59	ng		94
57) 2,4-Dinitrotoluene	15.351	165	100486	57.78	ng		93
58) Fluorene	16.051	166	325716	54.27	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.622	232	87359	52.54	ng		92
60) Diethylphthalate	15.804	149	348080	57.44	ng		97
61) 4-Chlorophenyl-phenyle...	16.033	204	165280	50.12	ng		92
62) 4-Nitroaniline	16.045	138	92542	78.19	ng		90
63) Azobenzene	16.327	77	359334	57.33	ng		88
65) 4,6-Dinitro-2-methylph...	16.104	198	44703	44.14	ng	#	69
66) n-Nitrosodiphenylamine	16.239	169	281037	57.57	ng		98
67) 4-Bromophenyl-phenylether	16.921	248	100258	51.46	ng		92
68) Hexachlorobenzene	17.039	284	113689	49.99	ng	#	91
69) Atrazine	17.168	200	94404	66.11	ng		98
70) Pentachlorophenol	17.368	266	68576	49.86	ng		98
71) Phenanthrene	17.768	178	528252	57.57	ng		99
72) Anthracene	17.863	178	519187	56.06	ng		98
73) Carbazole	18.115	167	495992	61.35	ng		98
74) Di-n-butylphthalate	18.657	149	583374	59.99	ng		99
75) Fluoranthene	19.745	202	624413	56.09	ng		98
77) Benzidine	19.904	184	227108	52.54	ng		99
78) Pyrene	20.098	202	643249	61.23	ng		99
80) Butylbenzylphthalate	20.956	149	263487	67.03	ng		95
81) Benzo(a)anthracene	21.809	228	617090	60.01	ng		99
82) 3,3'-Dichlorobenzidine	21.727	252	215455	55.35	ng	#	97
83) Chrysene	21.868	228	599717	60.01	ng		100
84) Bis(2-ethylhexyl)phtha...	21.715	149	364036	63.80	ng	#	98
85) Di-n-octyl phthalate	22.662	149	619549	65.23	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.838	276	668079	66.31	ng		97
88) Benzo(b)fluoranthene	23.539	252	625377	60.51	ng		99
89) Benzo(k)fluoranthene	23.586	252	577562	57.81	ng	#	98
90) Benzo(a)pyrene	24.180	252	566484	64.81	ng		99
91) Dibenzo(a,h)anthracene	26.850	278	544428	63.98	ng	#	98
92) Benzo(g,h,i)perylene	27.621	276	531762	64.84	ng		97

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

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