Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110221\
Data File : BM032853.D
Acq On : 02 Nov 2021 15:13
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Nov 02 15:43:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 14:32:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152	160564	20.000	ng		0.00
21) Naphthalene-d8	10.278	136	658860	20.000	ng	#	0.00
39) Acenaphthene-d10	14.160	164	434979	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	914236	20.000	ng		0.00
76) Chrysene-d12	21.083	240	773785	20.000	ng		0.00
86) Perylene-d12	23.189	264	772648	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	1284277	146.465	ng		0.00
7) Phenol-d6	6.707	99	1900806	138.067	ng		0.01
23) Nitrobenzene-d5	8.660	82	1799030	140.349	ng		0.01
42) 2,4,6-Tribromophenol	15.654	330	695318	147.703	ng		0.00
45) 2-Fluorobiphenyl	12.777	172	3693669	129.679	ng		0.01
79) Terphenyl-d14	19.530	244	4774199	127.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.913	88	260475	99.533	ng		89
3) Pyridine	3.325	79	740028	89.514	ng		91
4) n-Nitrosodimethylamine	3.243	42	329428	92.553	ng	#	67
6) Aniline	6.831	93	1100946	71.193	ng		93
8) 2-Chlorophenol	7.072	128	753104	70.750	ng		94
10) Phenol	6.737	94	920985	69.384	ng		85
11) bis(2-Chloroethyl)ether	6.931	93	722054	67.801	ng		94
12) 1,3-Dichlorobenzene	7.384	146	813245	68.967	ng	#	92
13) 1,4-Dichlorobenzene	7.531	146	828703	68.706	ng		98
14) 1,2-Dichlorobenzene	7.848	146	816606	68.013	ng		97
15) Benzyl Alcohol	7.754	79	723219	72.984	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.037	45	1008140	62.405	ng		97
17) 2-Methylphenol	7.966	107	656409	70.549	ng	#	92
18) Hexachloroethane	8.572	117	307676	66.661	ng		92
19) n-Nitroso-di-n-propyla...	8.319	70	563564	64.609	ng	#	86
20) 3+4-Methylphenols	8.301	107	867567	68.443	ng		92
22) Acetophenone	8.325	105	1130927	68.483	ng	#	89
24) Nitrobenzene	8.701	77	877037	71.855	ng	#	89
25) Isophorone	9.219	82	1601501	72.479	ng		96
26) 2-Nitrophenol	9.401	139	452189	81.089	ng	#	77
27) 2,4-Dimethylphenol	9.484	122	659208	75.491	ng		97
28) bis(2-Chloroethoxy)met...	9.701	93	1028495	71.752	ng		99
29) 2,4-Dichlorophenol	9.942	162	766656	77.613	ng		97
30) 1,2,4-Trichlorobenzene	10.148	180	819506	73.271	ng		99
31) Naphthalene	10.331	128	2438780	71.159	ng		100
32) Benzoic acid	9.725	122	625846	91.102	ng	#	83
33) 4-Chloroaniline	10.448	127	1066522	75.800	ng		94
34) Hexachlorobutadiene	10.631	225	496375	72.327	ng		98
35) Caprolactam	11.272	113	273069	81.220	ng	#	83
36) 4-Chloro-3-methylphenol	11.607	107	873040	77.293	ng		96
37) 2-Methylnaphthalene	11.948	142	1693327	71.784	ng		96
38) 1-Methylnaphthalene	12.172	142	1669840	71.953	ng		97
40) 1,2,4,5-Tetrachloroben...	12.336	216	864162	70.911	ng	#	97
41) Hexachlorocyclopentadiene	12.325	237	517297	75.444	ng		98
43) 2,4,6-Trichlorophenol	12.583	196	654500	77.952	ng		97
44) 2,4,5-Trichlorophenol	12.660	196	707341	77.648	ng	#	92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	12.983	154	2223416	69.936	ng		99
47)	2-Chloronaphthalene	13.024	162	1746803	71.653	ng		99
48)	2-Nitroaniline	13.236	65	590135	78.083	ng	#	83
49)	Acenaphthylene	13.877	152	2809696	71.880	ng		99
50)	Dimethylphthalate	13.630	163	2256997	72.755	ng		100
51)	2,6-Dinitrotoluene	13.742	165	504954	78.454	ng	#	64
52)	Acenaphthene	14.224	154	1628212	69.764	ng		98
53)	3-Nitroaniline	14.077	138	568244	80.230	ng		85
54)	2,4-Dinitrophenol	14.277	184	354387	92.407	ng	#	67
55)	Dibenzofuran	14.560	168	2680125	68.947	ng		97
56)	4-Nitrophenol	14.407	139	481863	84.615	ng	#	72
57)	2,4-Dinitrotoluene	14.536	165	693527	79.937	ng	#	61
58)	Fluorene	15.213	166	1897510	65.441	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.801	232	606192	74.689	ng	#	85
60)	Diethylphthalate	14.995	149	2290949	73.961	ng		96
62)	4-Nitroaniline	15.254	138	603498	82.943	ng	#	72
63)	Azobenzene	15.501	77	2207509	70.249	ng		86
65)	4,6-Dinitro-2-methylph...	15.307	198	478136	86.754	ng	#	76
66)	n-Nitrosodiphenylamine	15.424	169	1849299	68.895	ng		98
67)	4-Bromophenyl-phenylether	16.095	248	662878	70.785	ng		94
68)	Hexachlorobenzene	16.224	284	710982	68.868	ng	#	87
69)	Atrazine	16.377	200	631382	71.786	ng		96
70)	Pentachlorophenol	16.565	266	503484	78.406	ng		98
71)	Phenanthrene	16.942	178	3229872	66.354	ng		100
72)	Anthracene	17.030	178	3282000	68.590	ng		99
73)	Carbazole	17.301	167	3248350	68.651	ng		99
74)	Di-n-butylphthalate	17.859	149	3783810	74.149	ng	#	97
75)	Fluoranthene	18.953	202	3641138	66.182	ng		96
77)	Benzidine	19.136	184	1450688	77.036	ng		97
78)	Pyrene	19.318	202	3732558	70.477	ng		98
80)	Butylbenzylphthalate	20.218	149	1723161	83.072	ng		92
81)	Benzo(a)anthracene	21.065	228	3518083	70.977	ng		98
82)	3,3'-Dichlorobenzidine	21.006	252	1064382	71.393	ng		99
83)	Chrysene	21.118	228	3393765	70.330	ng		99
84)	Bis(2-ethylhexyl)phtha...	20.995	149	2075201	75.446	ng	#	95
85)	Di-n-octyl phthalate	21.836	149	3982436	83.487	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	25.288	276	3135521	64.860	ng		97
88)	Benzo(b)fluoranthene	22.571	252	3452632	74.467	ng		99
89)	Benzo(k)fluoranthene	22.618	252	3165785	66.818	ng		100
90)	Benzo(a)pyrene	23.106	252	2778470	71.343	ng		98
91)	Dibenzo(a,h)anthracene	25.294	278	2589398	64.333	ng		97
92)	Benzo(g,h,i)perylene	25.930	276	2634803	65.663	ng	#	96

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

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