Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035358.D
Acq On : 02 Jun 2022 12:19
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jun 02 15:15:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 15:14:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	195720	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	799412	20.000	ng	#	0.00
39) Acenaphthene-d10	14.492	164	568302	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	1218743	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1324658	20.000	ng	#	0.00
86) Perylene-d12	23.786	264	1498429	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	195300	18.424	ng		0.00
7) Phenol-d6	7.034	99	255028	18.580	ng		0.00
23) Nitrobenzene-d5	9.016	82	243180	16.746	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	173230	23.497	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	816528	19.925	ng		0.00
79) Terphenyl-d14	19.862	244	1356414	18.145	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	36741	8.850	ng	#	84
3) Pyridine	3.740	79	92880	8.599	ng		86
4) n-Nitrosodimethylamine	3.652	42	34889	6.632	ng	#	64
6) Aniline	7.181	93	134776	9.242	ng		94
8) 2-Chlorophenol	7.422	128	117655	9.863	ng		89
9) Benzaldehyde	6.999	77	73654	10.350	ng		86
10) Phenol	7.063	94	120381	8.999	ng		90
11) bis(2-Chloroethyl)ether	7.275	93	100958	9.655	ng		87
12) 1,3-Dichlorobenzene	7.740	146	138100	10.017	ng	#	95
13) 1,4-Dichlorobenzene	7.887	146	142272	10.104	ng		97
14) 1,2-Dichlorobenzene	8.204	146	139137	10.181	ng		95
15) Benzyl Alcohol	8.104	79	89327	9.150	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.393	45	117954	8.393	ng		89
17) 2-Methylphenol	8.310	107	88995	9.489	ng	#	94
18) Hexachloroethane	8.928	117	45937	9.524	ng	#	84
19) n-Nitroso-di-n-propyla...	8.663	70	79056	9.339	ng	#	82
20) 3+4-Methylphenols	8.646	107	127672	9.944	ng		94
22) Acetophenone	8.681	105	174095	9.151	ng	#	89
24) Nitrobenzene	9.057	77	109960	8.210	ng		90
25) Isophorone	9.587	82	205954	9.370	ng	#	93
26) 2-Nitrophenol	9.769	139	68950	9.977	ng	#	86
27) 2,4-Dimethylphenol	9.840	122	93217	9.630	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	146550	9.860	ng		98
29) 2,4-Dichlorophenol	10.322	162	129171	10.596	ng		95
30) 1,2,4-Trichlorobenzene	10.522	180	151913	10.438	ng		98
31) Naphthalene	10.704	128	381526	9.795	ng		99
32) Benzoic acid	9.975	122	72168	8.763	ng		89
33) 4-Chloroaniline	10.822	127	152113	9.859	ng	#	93
34) Hexachlorobutadiene	10.992	225	100068	10.508	ng		97
35) Caprolactam	11.604	113	34224	10.231	ng	#	74
36) 4-Chloro-3-methylphenol	11.963	107	115150	9.507	ng		91
37) 2-Methylnaphthalene	12.316	142	283223	10.312	ng		96
38) 1-Methylnaphthalene	12.539	142	278851	10.386	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	186503	10.248	ng	#	95
41) Hexachlorocyclopentadiene	12.669	237	56309	5.896	ng		96
43) 2,4,6-Trichlorophenol	12.939	196	121401	10.236	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	127643	10.118	ng	#	89
46) 1,1'-Biphenyl	13.328	154	401702	9.593	ng		98
47) 2-Chloronaphthalene	13.369	162	314757	9.695	ng		96
48) 2-Nitroaniline	13.580	65	62784	7.750	ng	#	78
49) Acenaphthylene	14.216	152	470238	9.714	ng		100
50) Dimethylphthalate	13.957	163	403511	10.012	ng	#	99
51) 2,6-Dinitrotoluene	14.075	165	83304	10.069	ng	#	71
52) Acenaphthene	14.557	154	286019	9.702	ng		99
53) 3-Nitroaniline	14.410	138	75316	9.189	ng		86
54) 2,4-Dinitrophenol	14.627	184	41078	7.773	ng	#	70
55) Dibenzofuran	14.892	168	494211	9.954	ng		91
56) 4-Nitrophenol	14.751	139	51173	8.098	ng	#	75
57) 2,4-Dinitrotoluene	14.869	165	110505	9.957	ng	#	77
58) Fluorene	15.545	166	389013	10.049	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.133	232	117518	10.525	ng	#	80
60) Diethylphthalate	15.316	149	394036	10.007	ng		96
61) 4-Chlorophenyl-phenyle...	15.539	204	221136	10.492	ng	#	86
62) 4-Nitroaniline	15.569	138	76958	9.296	ng		84
63) Azobenzene	15.827	77	277243	8.322	ng		86
65) 4,6-Dinitro-2-methylph...	15.639	198	69901	9.145	ng	#	76
66) n-Nitrosodiphenylamine	15.751	169	342654	9.762	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	145625	10.686	ng	#	86
68) Hexachlorobenzene	16.551	284	165857	10.926	ng	#	82
69) Atrazine	16.704	200	128390	10.989	ng		97
70) Pentachlorophenol	16.904	266	76518	8.727	ng		98
71) Phenanthrene	17.280	178	613676	9.800	ng		99
72) Anthracene	17.374	178	605405	9.905	ng		99
73) Carbazole	17.645	167	560223	9.638	ng		97
74) Di-n-butylphthalate	18.210	149	708051	10.498	ng	#	98
75) Fluoranthene	19.298	202	737958	10.062	ng		98
77) Benzidine	19.486	184	264872	9.871	ng		99
78) Pyrene	19.662	202	759998	8.745	ng		99
80) Butylbenzylphthalate	20.562	149	324425	9.760	ng	#	84
81) Benzo(a)anthracene	21.409	228	805923	9.621	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	222741	10.740	ng	#	99
83) Chrysene	21.462	228	779916	9.863	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	511539	10.885	ng	#	93
85) Di-n-octyl phthalate	22.250	149	918903	11.786	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.233	276	1035240	10.140	ng		95
88) Benzo(b)fluoranthene	23.074	252	821090	9.083	ng		98
89) Benzo(k)fluoranthene	23.115	252	865553	9.691	ng		99
90) Benzo(a)pyrene	23.686	252	716038	9.556	ng		97
91) Dibenzo(a,h)anthracene	26.244	278	866503	10.218	ng		98
92) Benzo(g,h,i)perylene	26.985	276	833677	9.857	ng	#	95

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

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