Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011722\
Data File : BM033745.D
Acq On : 17 Jan 2022 12:30
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jan 17 16:11:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:10:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	141610	20.000	ng		0.00
21) Naphthalene-d8	10.772	136	647120	20.000	ng	#	0.00
39) Acenaphthene-d10	14.595	164	456328	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	969025	20.000	ng		0.00
76) Chrysene-d12	21.495	240	892594	20.000	ng		0.00
86) Perylene-d12	23.906	264	785888	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	184929	20.596	ng		0.00
7) Phenol-d6	7.107	99	257685	21.294	ng		-0.01
23) Nitrobenzene-d5	9.113	82	274066	19.559	ng		-0.01
42) 2,4,6-Tribromophenol	16.071	330	128112	26.879	ng		0.00
45) 2-Fluorobiphenyl	13.225	172	696547	19.993	ng		0.00
79) Terphenyl-d14	19.942	244	1123920	22.665	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	38101	9.467	ng	#	90
3) Pyridine	3.755	79	101137	9.706	ng		91
4) n-Nitrosodimethylamine	3.655	42	48247	9.267	ng	#	70
6) Aniline	7.272	93	147474	10.758	ng		95
8) 2-Chlorophenol	7.513	128	107115	10.909	ng		87
9) Benzaldehyde	7.084	77	89642	10.410	ng		91
10) Phenol	7.137	94	129470	10.641	ng		91
11) bis(2-Chloroethyl)ether	7.372	93	106010	11.045	ng		90
12) 1,3-Dichlorobenzene	7.843	146	119070	10.850	ng		94
13) 1,4-Dichlorobenzene	7.990	146	123572	11.011	ng		95
14) 1,2-Dichlorobenzene	8.313	146	120310	11.085	ng		98
15) Benzyl Alcohol	8.190	79	107645	10.897	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.484	45	147336	10.179	ng		96
17) 2-Methylphenol	8.401	107	92887	11.060	ng		92
18) Hexachloroethane	9.048	117	44619	10.492	ng		96
19) n-Nitroso-di-n-propyla...	8.766	70	95380	12.063	ng	#	91
20) 3+4-Methylphenols	8.725	107	130656	11.387	ng		93
22) Acetophenone	8.778	105	183570	10.577	ng	#	93
24) Nitrobenzene	9.160	77	127969	9.604	ng		91
25) Isophorone	9.689	82	244220	10.760	ng		97
26) 2-Nitrophenol	9.878	139	59546	10.606	ng		87
27) 2,4-Dimethylphenol	9.936	122	95728	10.214	ng		95
28) bis(2-Chloroethoxy)met...	10.172	93	159658	10.670	ng		96
29) 2,4-Dichlorophenol	10.413	162	106893	10.417	ng		99
30) 1,2,4-Trichlorobenzene	10.636	180	117739	10.272	ng		97
31) Naphthalene	10.819	128	373635	10.535	ng		99
32) Benzoic acid	10.025	122	67613	10.252	ng	#	85
33) 4-Chloroaniline	10.925	127	152191	10.875	ng		93
34) Hexachlorobutadiene	11.113	225	78206	10.446	ng		95
35) Caprolactam	11.689	113	38688	13.593	ng	#	77
36) 4-Chloro-3-methylphenol	12.048	107	134462	11.280	ng		96
37) 2-Methylnaphthalene	12.430	142	269934	11.263	ng		98
38) 1-Methylnaphthalene	12.648	142	263108	11.295	ng		98
40) 1,2,4,5-Tetrachloroben...	12.795	216	138496	9.601	ng		99
41) Hexachlorocyclopentadiene	12.783	237	80627	8.885	ng		97
43) 2,4,6-Trichlorophenol	13.030	196	96077	10.209	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	103900	10.435	ng		97
46) 1,1'-Biphenyl	13.430	154	368649	9.890	ng		99
47) 2-Chloronaphthalene	13.472	162	279079	9.971	ng		98
48) 2-Nitroaniline	13.666	65	86581	9.861	ng	#	87
49) Acenaphthylene	14.313	152	449942	10.301	ng		99
50) Dimethylphthalate	14.048	163	384405	10.851	ng		99
51) 2,6-Dinitrotoluene	14.160	165	75533	11.010	ng		91
52) Acenaphthene	14.654	154	295877	10.414	ng		99
53) 3-Nitroaniline	14.489	138	80628	11.012	ng		87
54) 2,4-Dinitrophenol	14.689	184	35661	11.262	ng	#	86
55) Dibenzofuran	14.989	168	457481	10.741	ng		97
56) 4-Nitrophenol	14.789	139	64914	11.187	ng		87
57) 2,4-Dinitrotoluene	14.942	165	103265	11.788	ng		87
58) Fluorene	15.636	166	361144	11.069	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.213	232	96013	11.421	ng		99
60) Diethylphthalate	15.407	149	403444	11.055	ng		99
61) 4-Chlorophenyl-phenyle...	15.630	204	189383	11.250	ng		97
62) 4-Nitroaniline	15.642	138	84792	11.890	ng		88
63) Azobenzene	15.918	77	370449	10.268	ng		94
65) 4,6-Dinitro-2-methylph...	15.707	198	60470	11.366	ng		83
66) n-Nitrosodiphenylamine	15.836	169	316953	9.679	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	114422	10.675	ng		98
68) Hexachlorobenzene	16.642	284	125375	10.271	ng		95
69) Atrazine	16.783	200	121155	10.784	ng		98
70) Pentachlorophenol	16.977	266	75364	10.152	ng		98
71) Phenanthrene	17.371	178	578771	10.438	ng		100
72) Anthracene	17.460	178	567787	10.439	ng		99
73) Carbazole	17.724	167	551225	10.750	ng		99
74) Di-n-butylphthalate	18.295	149	690661	10.435	ng		100
75) Fluoranthene	19.377	202	656207	11.273	ng		100
77) Benzidine	19.554	184	242450	9.050	ng		99
78) Pyrene	19.736	202	672652	10.704	ng		99
80) Butylbenzylphthalate	20.630	149	306267	10.911	ng		96
81) Benzo(a)anthracene	21.477	228	621844	10.274	ng		99
82) 3,3'-Dichlorobenzidine	21.406	252	224022	10.433	ng		97
83) Chrysene	21.530	228	596816	10.304	ng		100
84) Bis(2-ethylhexyl)phtha...	21.412	149	454336	10.626	ng		100
85) Di-n-octyl phthalate	22.336	149	709342	10.202	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.424	276	546065	9.422	ng		99
88) Benzo(b)fluoranthene	23.165	252	536683	10.711	ng		98
89) Benzo(k)fluoranthene	23.218	252	518232	10.672	ng		98
90) Benzo(a)pyrene	23.800	252	425996	10.244	ng		98
91) Dibenzo(a,h)anthracene	26.441	278	457831	9.511	ng		96
92) Benzo(g,h,i)perylene	27.194	276	442908	9.359	ng		99

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

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