Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032894.D
Acq On : 08 Nov 2021 14:40
Operator : CG/JU
Sample : M4470-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1MS

Quant Time: Nov 08 15:09:48 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 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.484	152	94319	20.000	ng		0.00
21) Naphthalene-d8	10.266	136	427582	20.000	ng		# 0.00
39) Acenaphthene-d10	14.148	164	306687	20.000	ng		0.00
64) Phenanthrene-d10	16.884	188	659482	20.000	ng		#-0.01
76) Chrysene-d12	21.071	240	645834	20.000	ng		0.00
86) Perylene-d12	23.177	264	687613	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.078	112	815685	150.771	ng		0.00
7) Phenol-d6	6.696	99	1055799	131.046	ng		0.00
23) Nitrobenzene-d5	8.643	82	739804	94.699	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	486758	141.718	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1800922	91.077	ng		0.00
79) Terphenyl-d14	19.519	244	2571152	86.919	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.926	88	88276	42.645	ng	#	21
3) Pyridine	3.331	79	187230	29.539	ng	#	87
4) n-Nitrosodimethylamine	3.237	42	130446	48.496	ng	#	68
6) Aniline	6.819	93	228179	25.366	ng		94
8) 2-Chlorophenol	7.061	128	346438	54.958	ng		93
9) Benzaldehyde	6.619	77	136005	29.911	ng		88
10) Phenol	6.719	94	401913	51.975	ng		87
11) bis(2-Chloroethyl)ether	6.914	93	310815	50.908	ng		94
12) 1,3-Dichlorobenzene	7.378	146	329025	47.240	ng	#	91
13) 1,4-Dichlorobenzene	7.519	146	338593	47.454	ng		99
14) 1,2-Dichlorobenzene	7.843	146	334122	47.585	ng		97
15) Benzyl Alcohol	7.737	79	336119	58.610	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.025	45	435270	49.598	ng		98
17) 2-Methylphenol	7.961	107	305364	56.215	ng	#	91
18) Hexachloroethane	8.561	117	123346	48.888	ng		93
19) n-Nitroso-di-n-propyla...	8.302	70	263931	53.505	ng	#	86
20) 3+4-Methylphenols	8.290	107	410900	55.267	ng		93
22) Acetophenone	8.308	105	515188	49.326	ng	#	91
24) Nitrobenzene	8.684	77	390036	52.108	ng		91
25) Isophorone	9.208	82	743300	53.844	ng		96
26) 2-Nitrophenol	9.396	139	191089	54.685	ng	#	76
27) 2,4-Dimethylphenol	9.478	122	353054	61.404	ng		97
28) bis(2-Chloroethoxy)met...	9.690	93	457827	49.637	ng		99
29) 2,4-Dichlorophenol	9.931	162	367817	55.781	ng		97
30) 1,2,4-Trichlorobenzene	10.143	180	343583	46.883	ng		98
31) Naphthalene	10.319	128	1088979	49.066	ng		100
32) Benzoic acid	9.631	122	86550	18.614	ng	#	85
33) 4-Chloroaniline	10.437	127	101895	10.995	ng		94
34) Hexachlorobutadiene	10.619	225	203447	45.667	ng		98
35) Caprolactam	11.213	113	106498	48.165	ng	#	82
36) 4-Chloro-3-methylphenol	11.590	107	426834	56.585	ng		99
37) 2-Methylnaphthalene	11.937	142	829292	53.164	ng		95
38) 1-Methylnaphthalene	12.166	142	771644	50.016	ng		98
40) 1,2,4,5-Tetrachloroben...	12.331	216	390141	46.015	ng		97
41) Hexachlorocyclopentadiene	12.313	237	414665	93.128	ng		98
43) 2,4,6-Trichlorophenol	12.578	196	305477	51.486	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	344756	52.579	ng	#	91
46) 1,1'-Biphenyl	12.972	154	1065773	48.089	ng		99
47) 2-Chloronaphthalene	13.013	162	837378	49.214	ng		99
48) 2-Nitroaniline	13.225	65	288305	57.667	ng	#	85
49) Acenaphthylene	13.866	152	1398390	51.224	ng		100
50) Dimethylphthalate	13.613	163	1137535	50.977	ng		100
51) 2,6-Dinitrotoluene	13.725	165	251107	55.055	ng	#	69
52) Acenaphthene	14.213	154	820690	50.467	ng		98
53) 3-Nitroaniline	14.054	138	123258	24.831	ng		89
54) 2,4-Dinitrophenol	14.266	184	159196	52.646	ng	#	67
55) Dibenzofuran	14.548	168	1342931	49.192	ng		94
56) 4-Nitrophenol	14.401	139	416237	102.909	ng	#	72
57) 2,4-Dinitrotoluene	14.519	165	360700	58.380	ng	#	60
58) Fluorene	15.201	166	1044772	51.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.790	232	297222	50.565	ng	#	85
60) Diethylphthalate	14.984	149	1168498	52.237	ng		97
61) 4-Chlorophenyl-phenyle...	15.195	204	510920	47.216	ng		95
62) 4-Nitroaniline	15.231	138	261749	50.164	ng	#	74
63) Azobenzene	15.489	77	1097543	51.282	ng		87
65) 4,6-Dinitro-2-methylph...	15.289	198	149543	35.972	ng	#	78
66) n-Nitrosodiphenylamine	15.413	169	961247	49.721	ng		97
67) 4-Bromophenyl-phenylether	16.084	248	330315	48.737	ng		95
68) Hexachlorobenzene	16.213	284	368668	49.630	ng	#	86
69) Atrazine	16.366	200	363130	55.947	ng		95
70) Pentachlorophenol	16.554	266	477943	102.818	ng		98
71) Phenanthrene	16.931	178	1747267	49.967	ng		100
72) Anthracene	17.019	178	1807026	52.356	ng		100
73) Carbazole	17.289	167	1687498	49.063	ng		98
74) Di-n-butylphthalate	17.854	149	2035021	53.954	ng	#	98
75) Fluoranthene	18.942	202	2045973	50.997	ng		97
77) Benzidine	19.130	184	305027	17.234	ng		98
78) Pyrene	19.307	202	2138636	49.428	ng		99
80) Butylbenzylphthalate	20.213	149	937895	53.930	ng		88
81) Benzo(a)anthracene	21.054	228	2024902	49.144	ng		99
82) 3,3'-Dichlorobenzidine	20.989	252	334081	25.826	ng		100
83) Chrysene	21.107	228	1995395	49.294	ng		100
84) Bis(2-ethylhexyl)phtha...	20.983	149	1327860	57.239	ng		96
85) Di-n-octyl phthalate	21.824	149	2399093	57.988	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.265	276	2242723	52.773	ng		97
88) Benzo(b)fluoranthene	22.560	252	2171808	51.876	ng		99
89) Benzo(k)fluoranthene	22.601	252	2080321	50.976	ng		99
90) Benzo(a)pyrene	23.089	252	2073283	59.938	ng		98
91) Dibenzo(a,h)anthracene	25.271	278	1910891	53.997	ng		97
92) Benzo(g,h,i)perylene	25.906	276	1953132	55.488	ng		97

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

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