Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
Data File : BM031823.D
Acq On : 19 Aug 2021 11:42
Operator : CG/JU
Sample : PB138384BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 12:12:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB138384BS

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.540	152	30901	20.000	ng		0.00
21) Naphthalene-d8	10.298	136	146785	20.000	ng		0.00
39) Acenaphthene-d10	14.174	164	108480	20.000	ng		0.00
64) Phenanthrene-d10	16.933	188	252083	20.000	ng		0.00
76) Chrysene-d12	21.133	240	285384	20.000	ng		0.00
86) Perylene-d12	23.280	264	280462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.175	112	303788	157.787	ng		0.00
7) Phenol-d6	6.740	99	379555	136.051	ng		0.00
23) Nitrobenzene-d5	8.692	82	280180	79.923	ng		0.00
42) 2,4,6-Tribromophenol	15.680	330	177867	133.126	ng		0.00
45) 2-Fluorobiphenyl	12.792	172	640355	78.569	ng		0.00
79) Terphenyl-d14	19.580	244	1356868	80.108	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	37762	46.913	ng		97
3) Pyridine	3.558	79	78559	35.316	ng		92
4) n-Nitrosodimethylamine	3.481	42	62660	48.269	ng	#	94
6) Aniline	6.887	93	144097	47.238	ng		95
8) 2-Chlorophenol	7.110	128	108826	48.272	ng		95
9) Benzaldehyde	6.704	77	77934	39.358	ng		96
10) Phenol	6.763	94	138768	50.070	ng		86
11) bis(2-Chloroethyl)ether	6.987	93	92304	44.337	ng		91
12) 1,3-Dichlorobenzene	7.428	146	105459	43.733	ng	#	93
13) 1,4-Dichlorobenzene	7.575	146	110544	44.491	ng		97
14) 1,2-Dichlorobenzene	7.881	146	105706	43.312	ng		97
15) Benzyl Alcohol	7.787	79	113994	47.450	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.069	45	127626	42.903	ng		97
17) 2-Methylphenol	7.987	107	95391	48.674	ng	#	90
18) Hexachloroethane	8.592	117	46647	45.292	ng		87
19) n-Nitroso-di-n-propyla...	8.351	70	90895	41.261	ng		95
20) 3+4-Methylphenols	8.316	107	130623	47.417	ng		95
22) Acetophenone	8.363	105	177321	42.544	ng	#	92
24) Nitrobenzene	8.734	77	145013	40.417	ng		95
25) Isophorone	9.257	82	239539	38.096	ng		95
26) 2-Nitrophenol	9.434	139	60470	42.815	ng	#	77
27) 2,4-Dimethylphenol	9.498	122	107756	49.895	ng		92
28) bis(2-Chloroethoxy)met...	9.739	93	138282	45.706	ng		99
29) 2,4-Dichlorophenol	9.957	162	112691	45.926	ng		97
30) 1,2,4-Trichlorobenzene	10.163	180	112510	42.940	ng		98
31) Naphthalene	10.345	128	348596	41.480	ng		99
32) Benzoic acid	9.675	122	75618	39.107	ng		89
33) 4-Chloroaniline	10.475	127	127775	36.579	ng		96
34) Hexachlorobutadiene	10.622	225	69929	41.798	ng		94
35) Caprolactam	11.286	113	39245m	46.062	ng		
36) 4-Chloro-3-methylphenol	11.604	107	134125	44.083	ng		89
37) 2-Methylnaphthalene	11.969	142	270334	42.986	ng	#	95
38) 1-Methylnaphthalene	12.192	142	253239	42.161	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.345	216	129773	42.115	ng	#	95
41) Hexachlorocyclopentadiene	12.316	237	182935	118.668	ng		100
43) 2,4,6-Trichlorophenol	12.598	196	95528	42.057	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	104842	42.236	ng	#	89
46) 1,1'-Biphenyl	13.004	154	345329	40.452	ng		99
47) 2-Chloronaphthalene	13.039	162	274772	40.999	ng	#	93
48) 2-Nitroaniline	13.263	65	109748	44.125	ng		84
49) Acenaphthylene	13.898	152	471299	42.955	ng		98
50) Dimethylphthalate	13.657	163	384047	42.486	ng		99
51) 2,6-Dinitrotoluene	13.775	165	84123	41.907	ng	#	70
52) Acenaphthene	14.239	154	275041	41.148	ng		100
53) 3-Nitroaniline	14.104	138	75765	36.759	ng		89
54) 2,4-Dinitrophenol	14.322	184	109845	92.824	ng	#	77
55) Dibenzofuran	14.580	168	461730	41.339	ng		92
56) 4-Nitrophenol	14.433	139	162696	92.536	ng	#	75
57) 2,4-Dinitrotoluene	14.569	165	126666	43.813	ng	#	59
58) Fluorene	15.233	166	398230	42.948	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.816	232	95326	42.350	ng	#	82
60) Diethylphthalate	15.027	149	435582	43.840	ng		96
61) 4-Chlorophenyl-phenyle...	15.233	204	193249	43.176	ng	#	82
62) 4-Nitroaniline	15.280	138	94838	44.783	ng	#	75
63) Azobenzene	15.533	77	466704	42.434	ng		91
65) 4,6-Dinitro-2-methylph...	15.333	198	70942	41.166	ng	#	67
66) n-Nitrosodiphenylamine	15.457	169	343265	41.419	ng		98
67) 4-Bromophenyl-phenylether	16.133	248	111179	41.435	ng	#	89
68) Hexachlorobenzene	16.233	284	123261	41.994	ng	#	89
69) Atrazine	16.421	200	138336	46.903	ng		97
70) Pentachlorophenol	16.586	266	182433	92.534	ng		96
71) Phenanthrene	16.974	178	655982	42.668	ng		99
72) Anthracene	17.063	178	667643	44.297	ng		99
73) Carbazole	17.345	167	637269	42.206	ng		97
74) Di-n-butylphthalate	17.915	149	847420	45.060	ng	#	98
75) Fluoranthene	18.998	202	807961	43.875	ng		99
77) Benzidine	19.204	184	662307	78.095	ng		98
78) Pyrene	19.362	202	841038	40.680	ng		99
80) Butylbenzylphthalate	20.286	149	429866	43.382	ng		94
81) Benzo(a)anthracene	21.115	228	880206	42.108	ng		99
82) 3,3'-Dichlorobenzidine	21.062	252	292191	45.232	ng		99
83) Chrysene	21.168	228	848460	41.640	ng		98
84) Bis(2-ethylhexyl)phtha...	21.062	149	707111	46.180	ng	#	94
85) Di-n-octyl phthalate	21.921	149	1174862	46.437	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.415	276	921341	46.616	ng		99
88) Benzo(b)fluoranthene	22.645	252	933263	44.320	ng		99
89) Benzo(k)fluoranthene	22.686	252	838035	41.232	ng	#	98
90) Benzo(a)pyrene	23.192	252	863250	46.302	ng		99
91) Dibenzo(a,h)anthracene	25.421	278	799923	46.019	ng		99
92) Benzo(g,h,i)perylene	26.050	276	743440	46.968	ng		98

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

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