Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032889.D
Acq On : 08 Nov 2021 11:35
Operator : CG/JU
Sample : PB140521BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB140521BS

Quant Time: Nov 08 12:10:46 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	158401	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	701141	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	467460	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	953135	20.000	ng	#-0.01
76) Chrysene-d12	21.071	240	842602	20.000	ng	0.00
86) Perylene-d12	23.177	264	811526	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	1163337	128.039	ng	0.00
7) Phenol-d6	6.701	99	1519070	112.270	ng	0.00
23) Nitrobenzene-d5	8.642	82	972384	75.907	ng	0.00
42) 2,4,6-Tribromophenol	15.648	330	574371	109.712	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	2242487	74.404	ng	0.00
79) Terphenyl-d14	19.518	244	3047704	78.969	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.913	88	107740	29.717	ng	# 88
3) Pyridine	3.319	79	264089	24.809	ng	91
4) n-Nitrosodimethylamine	3.231	42	179561	39.749	ng	# 68
6) Aniline	6.819	93	582899	38.584	ng	93
8) 2-Chlorophenol	7.060	128	466464	44.062	ng	95
9) Benzaldehyde	6.619	77	250022	32.741	ng	88
10) Phenol	6.725	94	576725	44.409	ng	86
11) bis(2-Chloroethyl)ether	6.913	93	420128	40.974	ng	96
12) 1,3-Dichlorobenzene	7.378	146	461747	39.476	ng	# 92
13) 1,4-Dichlorobenzene	7.519	146	478839	39.960	ng	98
14) 1,2-Dichlorobenzene	7.837	146	471349	39.972	ng	97
15) Benzyl Alcohol	7.737	79	422924	43.912	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.025	45	593323	40.257	ng	97
17) 2-Methylphenol	7.960	107	401954	44.061	ng	# 92
18) Hexachloroethane	8.560	117	177849	41.973	ng	93
19) n-Nitroso-di-n-propyla...	8.301	70	331018	39.957	ng	# 87
20) 3+4-Methylphenols	8.289	107	527295	42.230	ng	93
22) Acetophenone	8.307	105	677362	39.550	ng	# 91
24) Nitrobenzene	8.684	77	511244	41.653	ng	# 90
25) Isophorone	9.207	82	920837	40.679	ng	97
26) 2-Nitrophenol	9.395	139	258388	45.094	ng	# 76
27) 2,4-Dimethylphenol	9.478	122	451547	47.893	ng	97
28) bis(2-Chloroethoxy)met...	9.689	93	581095	38.421	ng	99
29) 2,4-Dichlorophenol	9.930	162	468119	43.294	ng	96
30) 1,2,4-Trichlorobenzene	10.136	180	468601	38.994	ng	99
31) Naphthalene	10.319	128	1436512	39.471	ng	100
32) Benzoic acid	9.683	122	332551	43.616	ng	# 85
33) 4-Chloroaniline	10.430	127	458045	30.140	ng	95
34) Hexachlorobutadiene	10.619	225	281860	38.583	ng	97
35) Caprolactam	11.225	113	156223	43.087	ng	87
36) 4-Chloro-3-methylphenol	11.589	107	523803	42.348	ng	98
37) 2-Methylnaphthalene	11.936	142	1060527	41.462	ng	96
38) 1-Methylnaphthalene	12.166	142	981859	38.811	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.330	216	505650	39.127	ng	97
41) Hexachlorocyclopentadiene	12.313	237	653602	96.305	ng	98
43) 2,4,6-Trichlorophenol	12.577	196	382391	42.284	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	416059	41.630	ng	#	91
46) 1,1'-Biphenyl	12.971	154	1312673	38.858	ng		99
47) 2-Chloronaphthalene	13.013	162	1046957	40.369	ng		99
48) 2-Nitroaniline	13.224	65	346322	45.447	ng	#	83
49) Acenaphthylene	13.866	152	1714165	41.195	ng		99
50) Dimethylphthalate	13.613	163	1365634	40.151	ng		100
51) 2,6-Dinitrotoluene	13.724	165	303080	43.596	ng	#	69
52) Acenaphthene	14.213	154	996927	40.220	ng		98
53) 3-Nitroaniline	14.060	138	263964	34.888	ng		85
54) 2,4-Dinitrophenol	14.265	184	375060	78.845	ng	#	69
55) Dibenzofuran	14.548	168	1624776	39.047	ng		94
56) 4-Nitrophenol	14.401	139	533766	86.579	ng	#	73
57) 2,4-Dinitrotoluene	14.518	165	428342	45.484	ng	#	63
58) Fluorene	15.201	166	1237017	39.653	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.789	232	361943	40.398	ng	#	85
60) Diethylphthalate	14.983	149	1396250	40.951	ng		97
61) 4-Chlorophenyl-phenyle...	15.195	204	609606	36.961	ng		94
62) 4-Nitroaniline	15.230	138	331207	41.645	ng	#	75
63) Azobenzene	15.489	77	1341884	41.135	ng		86
65) 4,6-Dinitro-2-methylph...	15.289	198	233491	38.862	ng		81
66) n-Nitrosodiphenylamine	15.412	169	1149401	41.136	ng		97
67) 4-Bromophenyl-phenylether	16.083	248	393830	40.206	ng		95
68) Hexachlorobenzene	16.212	284	436025	40.613	ng	#	88
69) Atrazine	16.365	200	422149	45.001	ng		95
70) Pentachlorophenol	16.554	266	555690	82.713	ng		98
71) Phenanthrene	16.930	178	2034771	40.261	ng		100
72) Anthracene	17.018	178	2094510	41.989	ng		100
73) Carbazole	17.289	167	1916092	38.546	ng		98
74) Di-n-butylphthalate	17.854	149	2338086	42.891	ng	#	98
75) Fluoranthene	18.948	202	2313061	39.892	ng		98
77) Benzidine	19.130	184	1129327	48.906	ng		98
78) Pyrene	19.306	202	2370518	41.993	ng		99
80) Butylbenzylphthalate	20.212	149	1048862	46.227	ng		88
81) Benzo(a)anthracene	21.053	228	2160462	40.189	ng		99
82) 3,3'-Dichlorobenzidine	20.994	252	643520	38.130	ng		99
83) Chrysene	21.106	228	2117898	40.102	ng		99
84) Bis(2-ethylhexyl)phtha...	20.989	149	1397515	46.174	ng	#	95
85) Di-n-octyl phthalate	21.824	149	2528347	46.841	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.265	276	2018580	40.246	ng		97
88) Benzo(b)fluoranthene	22.559	252	2146179	43.436	ng		99
89) Benzo(k)fluoranthene	22.600	252	2103621	43.676	ng		99
90) Benzo(a)pyrene	23.088	252	2046640	50.133	ng		99
91) Dibenzo(a,h)anthracene	25.265	278	1729795	41.417	ng	#	96
92) Benzo(g,h,i)perylene	25.900	276	1704919	41.041	ng		97

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

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