Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
Data File : BM030434.D
Acq On : 14 Jun 2021 13:22
Operator : CG/JU
Sample : PB137061BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB137061BSD

Quant Time: Jun 14 13:54:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 14:10:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	205042	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	797059	20.000	ng	#	0.00
39) Acenaphthene-d10	14.457	164	451639	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	816521	20.000	ng		0.00
76) Chrysene-d12	21.356	240	650549	20.000	ng		0.00
86) Perylene-d12	23.627	264	527836	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1160157	91.982	ng		0.00
7) Phenol-d6	6.998	99	1487234	81.453	ng		0.00
23) Nitrobenzene-d5	8.987	82	1109866	67.837	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	431025	75.907	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	2449015	71.309	ng		0.00
79) Terphenyl-d14	19.803	244	2420857	65.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	225733	41.400	ng		91
3) Pyridine	3.740	79	569972	40.950	ng	#	86
4) n-Nitrosodimethylamine	3.646	42	304107	43.039	ng		86
6) Aniline	7.163	93	700439	33.616	ng		96
8) 2-Chlorophenol	7.398	128	660379	44.609	ng		97
9) Benzaldehyde	6.975	77	39886	5.230	ng		95
10) Phenol	7.028	94	808256	43.819	ng		93
11) bis(2-Chloroethyl)ether	7.257	93	617241	42.471	ng		93
12) 1,3-Dichlorobenzene	7.722	146	701361	43.003	ng		97
13) 1,4-Dichlorobenzene	7.869	146	714766	43.004	ng		100
14) 1,2-Dichlorobenzene	8.187	146	683051	42.246	ng		99
15) Benzyl Alcohol	8.069	79	525374	41.001	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.363	45	906014	38.742	ng		90
17) 2-Methylphenol	8.269	107	523020	43.756	ng		94
18) Hexachloroethane	8.910	117	256708	42.973	ng		96
19) n-Nitroso-di-n-propyla...	8.640	70	456049	37.619	ng		98
20) 3+4-Methylphenols	8.598	107	693750	42.658	ng		97
22) Acetophenone	8.651	105	899348	42.231	ng		98
24) Nitrobenzene	9.034	77	685618	40.173	ng		97
25) Isophorone	9.557	82	1156461	36.880	ng		99
26) 2-Nitrophenol	9.739	139	320844	43.276	ng		97
27) 2,4-Dimethylphenol	9.798	122	543678	44.792	ng		97
28) bis(2-Chloroethoxy)met...	10.034	93	762999	42.796	ng		100
29) 2,4-Dichlorophenol	10.269	162	584853	42.983	ng		96
30) 1,2,4-Trichlorobenzene	10.486	180	651072	41.920	ng		99
31) Naphthalene	10.675	128	1857351	40.003	ng		99
32) Benzoic acid	9.939	122	327233	36.102	ng		91
33) 4-Chloroaniline	10.781	127	500182	26.471	ng		99
34) Hexachlorobutadiene	10.957	225	383347	41.348	ng		96
35) Caprolactam	11.575	113	143018	32.688	ng	#	79
36) 4-Chloro-3-methylphenol	11.898	107	550521	38.626	ng		98
37) 2-Methylnaphthalene	12.280	142	1333478	39.143	ng		97
38) 1-Methylnaphthalene	12.498	142	1237845	38.149	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	701665	48.199	ng		99
41) Hexachlorocyclopentadiene	12.633	237	894626	112.081	ng		99
43) 2,4,6-Trichlorophenol	12.886	196	444642	45.180	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	471445	43.672	ng	97
46) 1,1'-Biphenyl	13.292	154	1624130	44.406	ng	99
47) 2-Chloronaphthalene	13.333	162	1299566	43.959	ng	98
48) 2-Nitroaniline	13.533	65	335502	38.145	ng	98
49) Acenaphthylene	14.180	152	1913751	42.257	ng	99
50) Dimethylphthalate	13.916	163	1405986	39.117	ng	100
51) 2,6-Dinitrotoluene	14.033	165	309635	39.079	ng	94
52) Acenaphthene	14.521	154	1165820	40.300	ng	99
53) 3-Nitroaniline	14.363	138	235684	28.416	ng	98
54) 2,4-Dinitrophenol	14.569	184	340303	65.576	ng	88
55) Dibenzofuran	14.857	168	1817836	39.493	ng	99
56) 4-Nitrophenol	14.669	139	494164	73.449	ng	91
57) 2,4-Dinitrotoluene	14.816	165	397629	36.282	ng	99
58) Fluorene	15.504	166	1488551	39.199	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	384360	41.138	ng	97
60) Diethylphthalate	15.274	149	1318557	36.697	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	741998	39.647	ng	97
62) 4-Nitroaniline	15.521	138	285812	32.232	ng	87
63) Azobenzene	15.786	77	1312298	36.160	ng	99
65) 4,6-Dinitro-2-methylph...	15.580	198	220535	40.900	ng	97
66) n-Nitrosodiphenylamine	15.710	169	1192351	41.991	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	420314	44.173	ng	97
68) Hexachlorobenzene	16.504	284	473427	43.879	ng	96
69) Atrazine	16.657	200	291916	38.386	ng	96
70) Pentachlorophenol	16.845	266	559228	88.557	ng	97
71) Phenanthrene	17.233	178	2050363	39.907	ng	100
72) Anthracene	17.321	178	2052555	41.144	ng	100
73) Carbazole	17.592	167	1748654	36.756	ng	100
74) Di-n-butylphthalate	18.151	149	1893403	38.174	ng	99
75) Fluoranthene	19.245	202	2129906	36.521	ng	99
77) Benzidine	19.427	184	550775	47.850	ng	98
78) Pyrene	19.603	202	2165602	43.931	ng	99
80) Butylbenzylphthalate	20.498	149	684348	34.811	ng	96
81) Benzo(a)anthracene	21.339	228	1840506	38.872	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	548829	38.290	ng	99
83) Chrysene	21.392	228	1789029	38.880	ng	100
84) Bis(2-ethylhexyl)phtha...	21.268	149	947381	32.369	ng	98
85) Di-n-octyl phthalate	22.150	149	1531582	33.717	ng	99
87) Indeno(1,2,3-cd)pyrene	25.938	276	1949251	48.552	ng	98
88) Benzo(b)fluoranthene	22.944	252	1744207	43.660	ng	99
89) Benzo(k)fluoranthene	22.991	252	1624401	41.632	ng	98
90) Benzo(a)pyrene	23.533	252	1500162	42.465	ng	99
91) Dibenzo(a,h)anthracene	25.950	278	1624356	46.927	ng	99
92) Benzo(g,h,i)perylene	26.650	276	1642364	49.882	ng	98

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

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