Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
Data File : BM033251.D
Acq On : 24 Nov 2021 17:36
Operator : CG/JU
Sample : PB140809BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB140809BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 04:09:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 15:16:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	111826	20.000	ng		0.00
21) Naphthalene-d8	10.736	136	432215	20.000	ng	#	0.00
39) Acenaphthene-d10	14.560	164	261799	20.000	ng		0.00
64) Phenanthrene-d10	17.295	188	529824	20.000	ng	#	0.00
76) Chrysene-d12	21.453	240	551925	20.000	ng		0.00
86) Perylene-d12	23.788	264	576804	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.507	112	584089	86.255	ng		0.00
7) Phenol-d6	7.095	99	740284	81.626	ng		0.00
23) Nitrobenzene-d5	9.101	82	767276	82.412	ng		0.00
42) 2,4,6-Tribromophenol	16.042	330	243790	85.425	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1526293	82.221	ng		0.00
79) Terphenyl-d14	19.906	244	2363619	84.682	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	96705	33.496	ng	#	77
3) Pyridine	3.825	79	238431	32.512	ng	#	78
4) n-Nitrosodimethylamine	3.737	42	164712	44.223	ng	#	63
6) Aniline	7.266	93	414683	40.606	ng		98
8) 2-Chlorophenol	7.501	128	306978	43.539	ng		98
9) Benzaldehyde	7.084	77	204292	39.025	ng		98
10) Phenol	7.125	94	400006	43.612	ng		92
11) bis(2-Chloroethyl)ether	7.360	93	309524	44.108	ng		96
12) 1,3-Dichlorobenzene	7.825	146	352548	42.556	ng		96
13) 1,4-Dichlorobenzene	7.972	146	361675	42.676	ng		99
14) 1,2-Dichlorobenzene	8.289	146	342048	42.259	ng		98
15) Benzyl Alcohol	8.178	79	304367	43.124	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.466	45	541824	43.564	ng		95
17) 2-Methylphenol	8.372	107	262523	43.359	ng		95
18) Hexachloroethane	9.019	117	136556	44.379	ng		94
19) n-Nitroso-di-n-propyla...	8.742	70	255974	42.449	ng		95
20) 3+4-Methylphenols	8.701	107	354482	43.224	ng		97
22) Acetophenone	8.760	105	460617	41.409	ng	#	94
24) Nitrobenzene	9.142	77	394213	43.952	ng		97
25) Isophorone	9.666	82	634918	43.607	ng		99
26) 2-Nitrophenol	9.848	139	147853	44.195	ng		88
27) 2,4-Dimethylphenol	9.901	122	278150	48.684	ng		99
28) bis(2-Chloroethoxy)met...	10.142	93	386209	40.715	ng		99
29) 2,4-Dichlorophenol	10.377	162	277906	42.940	ng		98
30) 1,2,4-Trichlorobenzene	10.595	180	323732	42.143	ng		98
31) Naphthalene	10.783	128	969862	42.539	ng		99
32) Benzoic acid	10.019	122	137823	38.357	ng		90
33) 4-Chloroaniline	10.895	127	258617	29.494	ng		98
34) Hexachlorobutadiene	11.060	225	195840	41.242	ng		99
35) Caprolactam	11.672	113	82326m	66.456	ng		
36) 4-Chloro-3-methylphenol	12.007	107	312260	42.440	ng		99
37) 2-Methylnaphthalene	12.389	142	677494	43.648	ng		96
38) 1-Methylnaphthalene	12.607	142	632730	41.782	ng		96
40) 1,2,4,5-Tetrachloroben...	12.754	216	338807	43.119	ng		98
41) Hexachlorocyclopentadiene	12.730	237	451191	115.660	ng		98
43) 2,4,6-Trichlorophenol	12.989	196	216066	43.045	ng		97

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44) 2,4,5-Trichlorophenol	13.060	196	236535	43.013	ng		94
46) 1,1'-Biphenyl	13.395	154	834314	42.385	ng		99
47) 2-Chloronaphthalene	13.436	162	648633	43.126	ng		99
48) 2-Nitroaniline	13.642	65	216629	44.559	ng		94
49) Acenaphthylene	14.283	152	1033767	44.009	ng		100
50) Dimethylphthalate	14.018	163	787322	42.314	ng		99
51) 2,6-Dinitrotoluene	14.136	165	168159	45.144	ng	#	74
52) Acenaphthene	14.624	154	621521	43.060	ng		97
53) 3-Nitroaniline	14.465	138	125580	31.638	ng		96
54) 2,4-Dinitrophenol	14.665	184	180915	92.434	ng	#	75
55) Dibenzofuran	14.954	168	995158	41.463	ng		94
56) 4-Nitrophenol	14.765	139	310796	97.695	ng	#	79
57) 2,4-Dinitrotoluene	14.918	165	232393	47.626	ng	#	69
58) Fluorene	15.601	166	803118	42.733	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.177	232	209234	43.490	ng	#	83
60) Diethylphthalate	15.371	149	795038	43.066	ng		96
61) 4-Chlorophenyl-phenyle...	15.595	204	398741	41.606	ng		91
62) 4-Nitroaniline	15.624	138	182758	44.400	ng	#	79
63) Azobenzene	15.889	77	886064	43.357	ng		90
65) 4,6-Dinitro-2-methylph...	15.677	198	113723	41.440	ng		89
66) n-Nitrosodiphenylamine	15.807	169	696262	44.793	ng		97
67) 4-Bromophenyl-phenylether	16.489	248	241790	43.656	ng		90
68) Hexachlorobenzene	16.601	284	270412	44.482	ng	#	82
69) Atrazine	16.754	200	247727	76.284	ng		96
70) Pentachlorophenol	16.942	266	346478	96.724	ng		98
71) Phenanthrene	17.336	178	1281214	43.993	ng		99
72) Anthracene	17.430	178	1298435	46.215	ng		100
73) Carbazole	17.695	167	1201887	43.001	ng		98
74) Di-n-butylphthalate	18.253	149	1360987	46.875	ng	#	98
75) Fluoranthene	19.342	202	1504547	44.956	ng		97
77) Benzidine	19.530	184	936063	150.845	ng		98
78) Pyrene	19.706	202	1565787	43.097	ng		99
80) Butylbenzylphthalate	20.594	149	621974	45.768	ng		97
81) Benzo(a)anthracene	21.441	228	1529674	43.180	ng		99
82) 3,3'-Dichlorobenzidine	21.371	252	460408	28.775	ng		99
83) Chrysene	21.494	228	1512195	43.822	ng		99
84) Bis(2-ethylhexyl)phtha...	21.359	149	914350	47.778	ng		95
85) Di-n-octyl phthalate	22.265	149	1608577	49.501	ng		98
87) Indeno(1,2,3-cd)pyrene	26.182	276	1777927	44.894	ng		98
88) Benzo(b)fluoranthene	23.083	252	1671854	47.723	ng		98
89) Benzo(k)fluoranthene	23.130	252	1545239	43.959	ng		99
90) Benzo(a)pyrene	23.688	252	1573984	53.645	ng		99
91) Dibenzo(a,h)anthracene	26.188	278	1516368	45.728	ng		98
92) Benzo(g,h,i)perylene	26.912	276	1523258	46.054	ng		97

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

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