Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
Data File : BM039141.D
Acq On : 24 Mar 2023 14:37
Operator : CG/JU
Sample : PB151580BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 24 15:18:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 15:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB151580BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152	326234	20.000	ng		0.00
21) Naphthalene-d8	10.763	136	1384343	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	845043	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	1673378	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1295513	20.000	ng		0.00
86) Perylene-d12	23.950	264	1172962	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	2557707	119.114	ng		0.00
7) Phenol-d6	7.122	99	3431678	123.039	ng		0.00
23) Nitrobenzene-d5	9.122	82	1988009	70.541	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	1165552	119.228	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	4379865	67.472	ng		0.00
79) Terphenyl-d14	19.962	244	5437051	76.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	342745	35.879	ng		99
3) Pyridine	3.781	79	918961	34.686	ng		99
4) n-Nitrosodimethylamine	3.687	42	424964	39.418	ng		95
6) Aniline	7.281	93	1624856	44.369	ng		99
8) 2-Chlorophenol	7.516	128	1267395	55.440	ng		98
9) Benzaldehyde	7.087	77	445023	33.530	ng		99
10) Phenol	7.151	94	1641474	55.420	ng		97
11) bis(2-Chloroethyl)ether	7.375	93	1159323	48.143	ng		100
12) 1,3-Dichlorobenzene	7.840	146	1186358	48.833	ng		99
13) 1,4-Dichlorobenzene	7.987	146	1214683	49.161	ng		99
14) 1,2-Dichlorobenzene	8.304	146	1180979	49.620	ng		99
15) Benzyl Alcohol	8.198	79	1101443	55.097	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1518739	49.938	ng		98
17) 2-Methylphenol	8.404	107	1100327	54.080	ng		99
18) Hexachloroethane	9.034	117	468585	51.401	ng		97
19) n-Nitroso-di-n-propyla...	8.769	70	953263	54.263	ng		98
20) 3+4-Methylphenols	8.734	107	1500954	55.249	ng		98
22) Acetophenone	8.787	105	1831536	47.156	ng	#	98
24) Nitrobenzene	9.169	77	1396168	47.134	ng		97
25) Isophorone	9.698	82	2645814	51.017	ng		99
26) 2-Nitrophenol	9.881	139	694030	52.748	ng		94
27) 2,4-Dimethylphenol	9.939	122	1250062	55.319	ng		99
28) bis(2-Chloroethoxy)met...	10.175	93	1664015	49.936	ng		99
29) 2,4-Dichlorophenol	10.416	162	1214183	56.674	ng		99
30) 1,2,4-Trichlorobenzene	10.628	180	1132110	48.357	ng		99
31) Naphthalene	10.816	128	3644789	46.173	ng		99
32) Benzoic acid	10.116	122	978173	57.684	ng		100
33) 4-Chloroaniline	10.928	127	735837	21.873	ng		100
34) Hexachlorobutadiene	11.098	225	638115	47.530	ng		99
35) Caprolactam	11.745	113	391147m	59.987	ng		
36) 4-Chloro-3-methylphenol	12.057	107	1289206	56.511	ng		100
37) 2-Methylnaphthalene	12.428	142	2533878	47.892	ng		99
38) 1-Methylnaphthalene	12.645	142	2367561	47.750	ng		100
40) 1,2,4,5-Tetrachloroben...	12.792	216	1259933	45.863	ng		100
41) Hexachlorocyclopentadiene	12.769	237	1506746	99.920	ng		98
43) 2,4,6-Trichlorophenol	13.033	196	937790	52.716	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	1023911	49.173	ng	97
46) 1,1'-Biphenyl	13.433	154	3343958	46.710	ng	99
47) 2-Chloronaphthalene	13.475	162	2599020	48.144	ng	98
48) 2-Nitroaniline	13.680	65	839971	48.570	ng	96
49) Acenaphthylene	14.322	152	4123528	47.954	ng	99
50) Dimethylphthalate	14.063	163	3145587	48.375	ng	100
51) 2,6-Dinitrotoluene	14.180	165	710424	49.348	ng	95
52) Acenaphthene	14.663	154	2441577	46.202	ng	98
53) 3-Nitroaniline	14.510	138	541394	32.728	ng	92
54) 2,4-Dinitrophenol	14.716	184	938667	111.385	ng	90
55) Dibenzofuran	14.998	168	3820490	46.200	ng	100
56) 4-Nitrophenol	14.821	139	1352770	104.750	ng	98
57) 2,4-Dinitrotoluene	14.969	165	975772	51.406	ng	93
58) Fluorene	15.645	166	3039854	46.928	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	849352	52.890	ng	97
60) Diethylphthalate	15.421	149	3158179	49.916	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	1497200	47.047	ng	99
62) 4-Nitroaniline	15.674	138	772432	45.246	ng	97
63) Azobenzene	15.927	77	3182030	47.531	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	552017	49.964	ng	95
66) n-Nitrosodiphenylamine	15.857	169	2639299	46.785	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	893330	49.425	ng	98
68) Hexachlorobenzene	16.645	284	1012257	50.099	ng	99
69) Atrazine	16.810	200	880663	57.153	ng	98
70) Pentachlorophenol	16.992	266	1331549	89.600	ng	99
71) Phenanthrene	17.386	178	4513694	45.959	ng	100
72) Anthracene	17.480	178	4650982	47.487	ng	100
73) Carbazole	17.751	167	4236798	47.398	ng	100
74) Di-n-butylphthalate	18.309	149	5263314	48.266	ng	99
75) Fluoranthene	19.398	202	4776110	46.059	ng	99
77) Benzidine	19.586	184	2479317	80.305	ng	98
78) Pyrene	19.762	202	5021599	51.608	ng	100
80) Butylbenzylphthalate	20.656	149	2250766	53.958	ng	97
81) Benzo(a)anthracene	21.509	228	4516618	48.412	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	1284822	44.809	ng	99
83) Chrysene	21.562	228	4230302	46.621	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	3187376	53.008	ng	100
85) Di-n-octyl phthalate	22.362	149	5185587	51.901	ng	97
87) Indeno(1,2,3-cd)pyrene	26.480	276	3853604	43.176	ng	100
88) Benzo(b)fluoranthene	23.209	252	3926292	52.395	ng	99
89) Benzo(k)fluoranthene	23.262	252	3902348	50.039	ng	99
90) Benzo(a)pyrene	23.844	252	3340927	46.324	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	3233095	42.773	ng	100
92) Benzo(g,h,i)perylene	27.262	276	3129090	42.313	ng	99

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

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