Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
Data File : BM039023.D
Acq On : 16 Mar 2023 19:29
Operator : CG/JU
Sample : PB151470BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 17 05:55:23 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 17 05:25:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB151470BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	332057	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	1452310	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	854842	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	1678900	20.000	ng		0.00
76) Chrysene-d12	21.545	240	1248817	20.000	ng		0.00
86) Perylene-d12	23.986	264	1178517	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2346081	107.342	ng		0.00
7) Phenol-d6	7.140	99	3039552	107.068	ng		0.00
23) Nitrobenzene-d5	9.145	82	2752859	93.109	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	912421	92.265	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	5786370	88.118	ng		0.00
79) Terphenyl-d14	19.986	244	7469185	109.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	346678	35.654	ng		98
3) Pyridine	3.799	79	951356	35.279	ng		96
4) n-Nitrosodimethylamine	3.710	42	510099	46.485	ng		95
6) Aniline	7.298	93	1438765	38.599	ng		98
8) 2-Chlorophenol	7.540	128	1199346	51.544	ng		99
9) Benzaldehyde	7.110	77	950645	70.370	ng		98
10) Phenol	7.163	94	1640689	54.422	ng		99
11) bis(2-Chloroethyl)ether	7.398	93	1185910	48.383	ng		98
12) 1,3-Dichlorobenzene	7.863	146	1164223	47.081	ng		99
13) 1,4-Dichlorobenzene	8.016	146	1198070	47.639	ng		100
14) 1,2-Dichlorobenzene	8.334	146	1158289	47.814	ng		100
15) Benzyl Alcohol	8.222	79	1079335m	53.044	ng		
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1638364	52.927	ng		98
17) 2-Methylphenol	8.422	107	1053878	50.889	ng		99
18) Hexachloroethane	9.063	117	453330	48.856	ng		99
19) n-Nitroso-di-n-propyla...	8.792	70	943177	52.747	ng		96
20) 3+4-Methylphenols	8.751	107	1416464	51.225	ng		99
22) Acetophenone	8.810	105	1823379	44.749	ng	#	99
24) Nitrobenzene	9.192	77	1390129	44.734	ng		99
25) Isophorone	9.722	82	2543658	46.752	ng		99
26) 2-Nitrophenol	9.904	139	592752	43.498	ng		99
27) 2,4-Dimethylphenol	9.963	122	1179871	49.769	ng		98
28) bis(2-Chloroethoxy)met...	10.204	93	1616809	46.249	ng		99
29) 2,4-Dichlorophenol	10.439	162	1105616	49.191	ng		100
30) 1,2,4-Trichlorobenzene	10.651	180	1047670	42.656	ng		99
31) Naphthalene	10.845	128	3557629	42.960	ng		99
32) Benzoic acid	10.110	122	818165	47.153	ng		99
33) 4-Chloroaniline	10.951	127	511082	14.481	ng		98
34) Hexachlorobutadiene	11.128	225	574788	40.809	ng		99
35) Caprolactam	11.745	113	347073m	50.737	ng		
36) 4-Chloro-3-methylphenol	12.075	107	1225155	51.190	ng		97
37) 2-Methylnaphthalene	12.451	142	2436814	43.902	ng		100
38) 1-Methylnaphthalene	12.669	142	2282638	43.883	ng		100
40) 1,2,4,5-Tetrachloroben...	12.816	216	1169483	42.082	ng		98
41) Hexachlorocyclopentadiene	12.798	237	1640108	107.517	ng		99
43) 2,4,6-Trichlorophenol	13.051	196	825707	45.883	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	914482	43.414	ng	99
46) 1,1'-Biphenyl	13.457	154	3222973	44.504	ng	99
47) 2-Chloronaphthalene	13.498	162	2406198	44.062	ng	100
48) 2-Nitroaniline	13.698	65	813744	46.608	ng	96
49) Acenaphthylene	14.345	152	3902188	44.860	ng	100
50) Dimethylphthalate	14.080	163	3003592	45.662	ng	100
51) 2,6-Dinitrotoluene	14.198	165	647643	44.622	ng	96
52) Acenaphthene	14.686	154	2343894	43.845	ng	100
53) 3-Nitroaniline	14.521	138	346661	21.299	ng	99
54) 2,4-Dinitrophenol	14.727	184	772120	91.542	ng	98
55) Dibenzofuran	15.016	168	3665895	43.822	ng	98
56) 4-Nitrophenol	14.827	139	1291360	98.849	ng	94
57) 2,4-Dinitrotoluene	14.980	165	879610	46.034	ng	93
58) Fluorene	15.663	166	2971475	45.346	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	754846	46.466	ng	97
60) Diethylphthalate	15.439	149	3035429	47.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	1431250	44.459	ng	98
62) 4-Nitroaniline	15.686	138	724133	42.059	ng	97
63) Azobenzene	15.951	77	3378644	49.889	ng	100
65) 4,6-Dinitro-2-methylph...	15.739	198	469693	43.146	ng	96
66) n-Nitrosodiphenylamine	15.874	169	2539161	44.862	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	805852	44.439	ng	94
68) Hexachlorobenzene	16.668	284	913038	45.039	ng	98
69) Atrazine	16.827	200	801226	51.826	ng	98
70) Pentachlorophenol	17.010	266	1225348	82.183	ng	100
71) Phenanthrene	17.404	178	4364524	44.294	ng	99
72) Anthracene	17.498	178	4442082	45.205	ng	100
73) Carbazole	17.768	167	4080192	45.496	ng	99
74) Di-n-butylphthalate	18.333	149	4955354	45.403	ng	100
75) Fluoranthene	19.415	202	4452003	42.792	ng	97
77) Benzidine	19.603	184	2209335	74.605	ng	99
78) Pyrene	19.780	202	4702807	50.138	ng	100
80) Butylbenzylphthalate	20.680	149	1927154	48.298	ng	97
81) Benzo(a)anthracene	21.527	228	4095067	45.534	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	774827	28.033	ng	99
83) Chrysene	21.586	228	3806957	43.524	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	2791881	48.394	ng	100
85) Di-n-octyl phthalate	22.392	149	4532368	47.413	ng	98
87) Indeno(1,2,3-cd)pyrene	26.527	276	3981735	44.401	ng	98
88) Benzo(b)fluoranthene	23.239	252	3652582	48.513	ng	99
89) Benzo(k)fluoranthene	23.291	252	3744839	47.793	ng	99
90) Benzo(a)pyrene	23.874	252	3185417	43.960	ng	99
91) Dibenzo(a,h)anthracene	26.544	278	3383671	44.554	ng	98
92) Benzo(g,h,i)perylene	27.309	276	3185066	42.867	ng	98

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

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