Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
Data File : BM038326.D
Acq On : 27 Dec 2022 21:47
Operator : CG/JU
Sample : PB149775BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 28 02:13:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 01:33:07 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB149775BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.010	152	104719	20.000	ng		0.00
21) Naphthalene-d8	10.827	136	390942	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	235540	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	470189	20.000	ng		0.00
76) Chrysene-d12	21.550	240	435402	20.000	ng		-0.01
86) Perylene-d12	23.991	264	396604	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	608170	96.277	ng		0.00
7) Phenol-d6	7.181	99	744130	89.691	ng		0.00
23) Nitrobenzene-d5	9.186	82	761528	85.310	ng		0.00
42) 2,4,6-Tribromophenol	16.127	330	291977	81.370	ng		0.00
45) 2-Fluorobiphenyl	13.268	172	1666809	89.048	ng		0.00
79) Terphenyl-d14	19.992	244	2238557	97.185	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	99590	33.494	ng		98
3) Pyridine	3.828	79	269467	33.309	ng		99
4) n-Nitrosodimethylamine	3.734	42	162659	42.205	ng		97
6) Aniline	7.339	93	369206	34.885	ng		100
8) 2-Chlorophenol	7.575	128	300002	45.411	ng		98
9) Benzaldehyde	7.151	77	153836m	25.896	ng		
10) Phenol	7.204	94	395183	45.874	ng		99
11) bis(2-Chloroethyl)ether	7.434	93	305634	43.226	ng		99
12) 1,3-Dichlorobenzene	7.898	146	337399	46.259	ng		100
13) 1,4-Dichlorobenzene	8.045	146	338469	45.995	ng		98
14) 1,2-Dichlorobenzene	8.369	146	326030	45.268	ng		99
15) Benzyl Alcohol	8.257	79	279251m	44.903	ng		
16) 2,2'-oxybis(1-Chloropr...	8.533	45	422888	42.694	ng		99
17) 2-Methylphenol	8.463	107	250029	41.249	ng		99
18) Hexachloroethane	9.092	117	133511	46.916	ng		99
19) n-Nitroso-di-n-propyla...	8.828	70	250757	41.765	ng		97
20) 3+4-Methylphenols	8.792	107	333879	41.206	ng		97
22) Acetophenone	8.845	105	467911	42.320	ng		98
24) Nitrobenzene	9.228	77	379901	40.982	ng		99
25) Isophorone	9.757	82	637631	39.733	ng		99
26) 2-Nitrophenol	9.939	139	159744	44.181	ng		99
27) 2,4-Dimethylphenol	9.998	122	256411	42.515	ng		97
28) bis(2-Chloroethoxy)met...	10.233	93	384081	41.063	ng		100
29) 2,4-Dichlorophenol	10.475	162	285923	43.418	ng		99
30) 1,2,4-Trichlorobenzene	10.686	180	330727	43.666	ng		99
31) Naphthalene	10.874	128	858869	41.346	ng		99
32) Benzoic acid	10.145	122	186984	41.169	ng		99
33) 4-Chloroaniline	10.992	127	203107	22.955	ng		98
34) Hexachlorobutadiene	11.151	225	220757	44.878	ng		96
35) Caprolactam	11.792	113	71777	37.390	ng	#	86
36) 4-Chloro-3-methylphenol	12.110	107	281569	40.512	ng		100
37) 2-Methylnaphthalene	12.480	142	594318	39.891	ng		99
38) 1-Methylnaphthalene	12.698	142	563140	40.140	ng		99
40) 1,2,4,5-Tetrachloroben...	12.845	216	390504	44.885	ng		99
41) Hexachlorocyclopentadiene	12.816	237	528690	111.149	ng		98
43) 2,4,6-Trichlorophenol	13.086	196	246538	43.314	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	260570	39.295	ng	96
46) 1,1'-Biphenyl	13.480	154	798697	42.956	ng	99
47) 2-Chloronaphthalene	13.527	162	631704	43.042	ng	99
48) 2-Nitroaniline	13.739	65	195362	39.624	ng	98
49) Acenaphthylene	14.368	152	939796	40.568	ng	100
50) Dimethylphthalate	14.104	163	723776	38.604	ng	100
51) 2,6-Dinitrotoluene	14.227	165	155039	39.232	ng	98
52) Acenaphthene	14.710	154	564330	40.400	ng	100
53) 3-Nitroaniline	14.557	138	108674	26.899	ng	97
54) 2,4-Dinitrophenol	14.768	184	227692	75.065	ng	96
55) Dibenzofuran	15.039	168	916427	39.410	ng	99
56) 4-Nitrophenol	14.868	139	265189	81.592	ng	97
57) 2,4-Dinitrotoluene	15.009	165	211738	39.363	ng	96
58) Fluorene	15.686	166	763843	39.900	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.268	232	221227	39.422	ng	100
60) Diethylphthalate	15.457	149	702427	37.630	ng	99
61) 4-Chlorophenyl-phenyle...	15.680	204	404526	40.143	ng	99
62) 4-Nitroaniline	15.715	138	146382	35.381	ng	94
63) Azobenzene	15.968	77	740230	38.122	ng	98
65) 4,6-Dinitro-2-methylph...	15.774	198	134122	42.017	ng	97
66) n-Nitrosodiphenylamine	15.892	169	615035	43.391	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	237619	44.922	ng	97
68) Hexachlorobenzene	16.686	284	277136	47.291	ng	99
69) Atrazine	16.845	200	219973	45.167	ng	99
70) Pentachlorophenol	17.033	266	352298	82.681	ng	96
71) Phenanthrene	17.427	178	1120645	42.708	ng	100
72) Anthracene	17.515	178	1126655	41.986	ng	100
73) Carbazole	17.792	167	980188	41.532	ng	99
74) Di-n-butylphthalate	18.339	149	1110896	41.220	ng	100
75) Fluoranthene	19.433	202	1286947	39.666	ng	99
77) Benzidine	19.621	184	395707	31.824	ng	99
78) Pyrene	19.797	202	1362194	44.566	ng	100
80) Butylbenzylphthalate	20.680	149	465355	41.663	ng	99
81) Benzo(a)anthracene	21.538	228	1272621	40.523	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	388362	37.051	ng	96
83) Chrysene	21.591	228	1225706	39.904	ng	100
84) Bis(2-ethylhexyl)phtha...	21.444	149	641754	41.115	ng	99
85) Di-n-octyl phthalate	22.380	149	1075357	38.689	ng	99
87) Indeno(1,2,3-cd)pyrene	26.544	276	1350082	46.488	ng	100
88) Benzo(b)fluoranthene	23.244	252	1214622	49.232	ng	98
89) Benzo(k)fluoranthene	23.291	252	1214091	47.422	ng	99
90) Benzo(a)pyrene	23.880	252	1054781	43.538	ng	99
91) Dibenzo(a,h)anthracene	26.550	278	1163650	48.541	ng	99
92) Benzo(g,h,i)perylene	27.326	276	1180626	48.599	ng	98

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

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