Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
Data File : BM038325.D
Acq On : 27 Dec 2022 21:11
Operator : CG/JU
Sample : PB149775BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 28 02:13:07 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 :
PB149775BS

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	93772	20.000	ng	0.00
21) Naphthalene-d8	10.828	136	343146	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	208877	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	425282	20.000	ng	0.00
76) Chrysene-d12	21.551	240	411755	20.000	ng	-0.01
86) Perylene-d12	23.992	264	382783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	529474	93.604	ng	0.00
7) Phenol-d6	7.175	99	646617	87.036	ng	0.00
23) Nitrobenzene-d5	9.187	82	667045	85.134	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	264017	82.971	ng	0.00
45) 2-Fluorobiphenyl	13.269	172	1462538	88.109	ng	0.00
79) Terphenyl-d14	19.992	244	2091276	96.005	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	88399	33.201	ng	99
3) Pyridine	3.822	79	240744	33.233	ng	98
4) n-Nitrosodimethylamine	3.734	42	147122	42.630	ng	97
6) Aniline	7.340	93	321902	33.966	ng	98
8) 2-Chlorophenol	7.575	128	262887	44.438	ng	99
9) Benzaldehyde	7.151	77	134265m	25.240	ng	
10) Phenol	7.204	94	339866	44.058	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	270080	42.657	ng	98
12) 1,3-Dichlorobenzene	7.898	146	286100	43.805	ng	97
13) 1,4-Dichlorobenzene	8.046	146	294483	44.689	ng	99
14) 1,2-Dichlorobenzene	8.363	146	284213	44.069	ng	98
15) Benzyl Alcohol	8.257	79	241114m	43.297	ng	
16) 2,2'-oxybis(1-Chloropr...	8.545	45	372853	42.037	ng	99
17) 2-Methylphenol	8.463	107	217167	40.010	ng	98
18) Hexachloroethane	9.092	117	117683	46.182	ng	99
19) n-Nitroso-di-n-propyla...	8.828	70	220592	41.030	ng	97
20) 3+4-Methylphenols	8.793	107	292413	40.302	ng	99
22) Acetophenone	8.845	105	411464	42.398	ng	98
24) Nitrobenzene	9.228	77	329647	40.514	ng	98
25) Isophorone	9.757	82	564882	40.102	ng	100
26) 2-Nitrophenol	9.940	139	139686	44.014	ng	99
27) 2,4-Dimethylphenol	9.998	122	222698	42.068	ng	99
28) bis(2-Chloroethoxy)met...	10.234	93	342759	41.750	ng	100
29) 2,4-Dichlorophenol	10.475	162	250217	43.288	ng	99
30) 1,2,4-Trichlorobenzene	10.687	180	288701	43.427	ng	98
31) Naphthalene	10.875	128	757818	41.563	ng	100
32) Benzoic acid	10.139	122	159849	40.097	ng	98
33) 4-Chloroaniline	10.992	127	180420	23.231	ng	98
34) Hexachlorobutadiene	11.151	225	193858	44.899	ng	98
35) Caprolactam	11.786	113	62083	36.844	ng	97
36) 4-Chloro-3-methylphenol	12.110	107	248113	40.671	ng	98
37) 2-Methylnaphthalene	12.481	142	525646	40.196	ng	100
38) 1-Methylnaphthalene	12.698	142	498203	40.457	ng	98
40) 1,2,4,5-Tetrachloroben...	12.845	216	343297	44.496	ng	98
41) Hexachlorocyclopentadiene	12.816	237	464645	110.154	ng	100
43) 2,4,6-Trichlorophenol	13.086	196	213090	42.216	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	227270	38.648	ng	96
46) 1,1'-Biphenyl	13.480	154	704218	42.709	ng	99
47) 2-Chloronaphthalene	13.528	162	571062	43.876	ng	99
48) 2-Nitroaniline	13.733	65	174391	39.885	ng	97
49) Acenaphthylene	14.369	152	821841	40.005	ng	99
50) Dimethylphthalate	14.104	163	642842	38.664	ng	100
51) 2,6-Dinitrotoluene	14.227	165	137657	39.280	ng	97
52) Acenaphthene	14.710	154	504485	40.726	ng	99
53) 3-Nitroaniline	14.557	138	96092	26.820	ng	98
54) 2,4-Dinitrophenol	14.769	184	199594	74.246	ng	96
55) Dibenzofuran	15.039	168	820484	39.788	ng	99
56) 4-Nitrophenol	14.869	139	236156	81.934	ng	96
57) 2,4-Dinitrotoluene	15.010	165	190184	39.869	ng	92
58) Fluorene	15.686	166	690539	40.675	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.269	232	199387	40.066	ng	99
60) Diethylphthalate	15.457	149	637297	38.499	ng	99
61) 4-Chlorophenyl-phenyle...	15.680	204	363894	40.720	ng	99
62) 4-Nitroaniline	15.716	138	129204	35.215	ng	99
63) Azobenzene	15.969	77	680555	39.523	ng	99
65) 4,6-Dinitro-2-methylph...	15.774	198	121475	42.073	ng	95
66) n-Nitrosodiphenylamine	15.892	169	556616	43.416	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	214882	44.913	ng	96
68) Hexachlorobenzene	16.686	284	248740	46.928	ng	98
69) Atrazine	16.839	200	197321	44.794	ng	97
70) Pentachlorophenol	17.033	266	316211	82.048	ng	99
71) Phenanthrene	17.427	178	1023781	43.136	ng	100
72) Anthracene	17.515	178	1025981	42.272	ng	100
73) Carbazole	17.792	167	903732	42.335	ng	100
74) Di-n-butylphthalate	18.339	149	1034801	42.450	ng	100
75) Fluoranthene	19.433	202	1181327	40.255	ng	99
77) Benzidine	19.621	184	372637	31.690	ng	99
78) Pyrene	19.798	202	1239726	42.888	ng	100
80) Butylbenzylphthalate	20.680	149	434099	41.097	ng	99
81) Benzo(a)anthracene	21.539	228	1197481	40.320	ng	98
82) 3,3'-Dichlorobenzidine	21.468	252	369886	37.315	ng	97
83) Chrysene	21.592	228	1141132	39.284	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	610702	41.372	ng	99
85) Di-n-octyl phthalate	22.380	149	1031998	39.262	ng	99
87) Indeno(1,2,3-cd)pyrene	26.538	276	1313250	46.853	ng	100
88) Benzo(b)fluoranthene	23.245	252	1152638	48.406	ng	99
89) Benzo(k)fluoranthene	23.292	252	1170477	47.369	ng	99
90) Benzo(a)pyrene	23.886	252	1002619	42.879	ng	98
91) Dibenzo(a,h)anthracene	26.550	278	1106508	47.824	ng	99
92) Benzo(g,h,i)perylene	27.332	276	1128770	48.142	ng	99

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

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