Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039176.D
Acq On : 28 Mar 2023 12:58
Operator : CG/JU
Sample : PB151576BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 29 01:26:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 01:46:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB151576BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	323967	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1337623	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	820107	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1643985	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1202219	20.000	ng	0.00
86) Perylene-d12	23.927	264	1095279	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2594351	121.666	ng	0.00
7) Phenol-d6	7.116	99	3418743	123.433	ng	0.00
23) Nitrobenzene-d5	9.110	82	2046075	75.137	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	1204673	126.977	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	4479285	71.102	ng	0.00
79) Terphenyl-d14	19.951	244	5580680	84.871	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	358635	37.805	ng	100
3) Pyridine	3.769	79	938722	35.680	ng	98
4) n-Nitrosodimethylamine	3.681	42	419535	39.187	ng	91
6) Aniline	7.263	93	1466787	40.333	ng	99
8) 2-Chlorophenol	7.504	128	1166414	51.380	ng	98
9) Benzaldehyde	7.075	77	672321	51.011	ng	98
10) Phenol	7.140	94	1475166	50.154	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	1075897	44.991	ng	99
12) 1,3-Dichlorobenzene	7.828	146	1118784	46.373	ng	99
13) 1,4-Dichlorobenzene	7.975	146	1148997	46.828	ng	100
14) 1,2-Dichlorobenzene	8.293	146	1103644	46.696	ng	99
15) Benzyl Alcohol	8.187	79	1004177	50.583	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1423748	47.142	ng	99
17) 2-Methylphenol	8.393	107	996949	49.342	ng	98
18) Hexachloroethane	9.022	117	435518	48.108	ng	94
19) n-Nitroso-di-n-propyla...	8.757	70	868729	49.797	ng	98
20) 3+4-Methylphenols	8.722	107	1353622	50.174	ng	98
22) Acetophenone	8.769	105	1691655	45.076	ng	99
24) Nitrobenzene	9.151	77	1260677	44.046	ng	98
25) Isophorone	9.681	82	2391963	47.733	ng	100
26) 2-Nitrophenol	9.863	139	620549	49.034	ng	96
27) 2,4-Dimethylphenol	9.928	122	1117161	51.164	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	1522840	47.296	ng	100
29) 2,4-Dichlorophenol	10.404	162	1092729	52.786	ng	99
30) 1,2,4-Trichlorobenzene	10.616	180	1035448	45.773	ng	98
31) Naphthalene	10.804	128	3321630	43.549	ng	99
32) Benzoic acid	10.098	122	864888	53.272	ng	98
33) 4-Chloroaniline	10.916	127	749531	23.059	ng	100
34) Hexachlorobutadiene	11.081	225	585142	45.107	ng	99
35) Caprolactam	11.728	113	345766m	54.880	ng	
36) 4-Chloro-3-methylphenol	12.045	107	1155811	52.434	ng	100
37) 2-Methylnaphthalene	12.410	142	2286236	44.721	ng	98
38) 1-Methylnaphthalene	12.628	142	2154327	44.967	ng	100
40) 1,2,4,5-Tetrachloroben...	12.780	216	1167280	43.782	ng	99
41) Hexachlorocyclopentadiene	12.757	237	1322059	90.338	ng	100
43) 2,4,6-Trichlorophenol	13.022	196	848137	49.126	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	916178	45.337	ng	98
46) 1,1'-Biphenyl	13.422	154	3071903	44.214	ng	99
47) 2-Chloronaphthalene	13.463	162	2349110	44.838	ng	99
48) 2-Nitroaniline	13.669	65	757985	45.318	ng	97
49) Acenaphthylene	14.310	152	3722081	44.602	ng	99
50) Dimethylphthalate	14.045	163	2901075	45.971	ng	100
51) 2,6-Dinitrotoluene	14.169	165	644266	46.213	ng	94
52) Acenaphthene	14.651	154	2214185	43.173	ng	97
53) 3-Nitroaniline	14.498	138	449752	28.243	ng	93
54) 2,4-Dinitrophenol	14.704	184	844830	103.675	ng	94
55) Dibenzofuran	14.980	168	3486293	43.440	ng	99
56) 4-Nitrophenol	14.816	139	1195166	95.360	ng	95
57) 2,4-Dinitrotoluene	14.957	165	878196	47.822	ng	95
58) Fluorene	15.633	166	2801410	44.562	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.210	232	767100	49.220	ng	98
60) Diethylphthalate	15.404	149	2951113	48.061	ng	100
61) 4-Chlorophenyl-phenyle...	15.621	204	1394486	45.152	ng	99
62) 4-Nitroaniline	15.663	138	692270	41.917	ng	96
63) Azobenzene	15.916	77	2989302	46.009	ng	98
65) 4,6-Dinitro-2-methylph...	15.716	198	520315	48.143	ng	97
66) n-Nitrosodiphenylamine	15.839	169	2437881	43.988	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	839866	47.298	ng	97
68) Hexachlorobenzene	16.633	284	935418	47.123	ng	100
69) Atrazine	16.798	200	810838	53.562	ng	97
70) Pentachlorophenol	16.980	266	1213597	83.123	ng	100
71) Phenanthrene	17.374	178	4129043	42.794	ng	100
72) Anthracene	17.463	178	4242991	44.096	ng	100
73) Carbazole	17.739	167	3836550	43.688	ng	99
74) Di-n-butylphthalate	18.298	149	4935475	46.151	ng	99
75) Fluoranthene	19.386	202	4322489	42.429	ng	99
77) Benzidine	19.574	184	2389848	83.226	ng	98
78) Pyrene	19.751	202	4508137	49.926	ng	100
80) Butylbenzylphthalate	20.645	149	1988089	51.519	ng	96
81) Benzo(a)anthracene	21.492	228	3925667	45.343	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1063445	39.966	ng	99
83) Chrysene	21.551	228	3613225	42.910	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	2829129	50.810	ng	99
85) Di-n-octyl phthalate	22.345	149	4506723	48.847	ng	98
87) Indeno(1,2,3-cd)pyrene	26.456	276	3577662	42.927	ng	100
88) Benzo(b)fluoranthene	23.192	252	3342093	47.762	ng	99
89) Benzo(k)fluoranthene	23.244	252	3354242	46.061	ng	99
90) Benzo(a)pyrene	23.821	252	2886247	42.858	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	3003413	42.553	ng	100
92) Benzo(g,h,i)perylene	27.227	276	2914874	42.212	ng	99

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

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