Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
Data File : BM039139.D
Acq On : 24 Mar 2023 13:17
Operator : CG/JU
Sample : PB151460BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 24 15:06:30 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 :
PB151460BS

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	400235	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1802330	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	1128149	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	2293060	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1791100	20.000	ng	0.00
86) Perylene-d12	23.950	264	1730152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	3148593	119.520	ng	0.00
7) Phenol-d6	7.128	99	4263407	124.597	ng	0.01
23) Nitrobenzene-d5	9.128	82	2562905	69.850	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1470976	112.711	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	5537962	63.904	ng	0.00
79) Terphenyl-d14	19.962	244	7099104	72.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	328063	27.993	ng	100
3) Pyridine	3.781	79	908746	27.959	ng	99
4) n-Nitrosodimethylamine	3.693	42	492117	37.207	ng	92
6) Aniline	7.281	93	2090796	46.537	ng	99
8) 2-Chlorophenol	7.522	128	1530068	54.556	ng	97
9) Benzaldehyde	7.087	77	574991	35.313	ng	98
10) Phenol	7.157	94	1995594	54.919	ng	97
11) bis(2-Chloroethyl)ether	7.381	93	1410991	47.760	ng	98
12) 1,3-Dichlorobenzene	7.840	146	1391832	46.698	ng	98
13) 1,4-Dichlorobenzene	7.987	146	1434489	47.323	ng	100
14) 1,2-Dichlorobenzene	8.310	146	1429634	48.962	ng	99
15) Benzyl Alcohol	8.204	79	1358642	55.397	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1846617	49.492	ng	99
17) 2-Methylphenol	8.404	107	1352791	54.195	ng	99
18) Hexachloroethane	9.039	117	547592	48.962	ng	95
19) n-Nitroso-di-n-propyla...	8.775	70	1164227	54.018	ng	97
20) 3+4-Methylphenols	8.739	107	1854789	55.650	ng	99
22) Acetophenone	8.787	105	2251310	44.522	ng	98
24) Nitrobenzene	9.169	77	1692017	43.874	ng	97
25) Isophorone	9.704	82	3230861	47.850	ng	99
26) 2-Nitrophenol	9.881	139	847290	49.648	ng	93
27) 2,4-Dimethylphenol	9.945	122	1516119	51.533	ng	99
28) bis(2-Chloroethoxy)met...	10.181	93	2011680	46.369	ng	99
29) 2,4-Dichlorophenol	10.416	162	1485555	53.260	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	1375768	45.136	ng	99
31) Naphthalene	10.816	128	4469162	43.486	ng	99
32) Benzoic acid	10.134	122	1251820	56.799	ng	99
33) 4-Chloroaniline	10.928	127	1055178	24.092	ng	100
34) Hexachlorobutadiene	11.098	225	768089	43.943	ng	99
35) Caprolactam	11.751	113	495951m	58.421	ng	
36) 4-Chloro-3-methylphenol	12.063	107	1588423	53.480	ng	99
37) 2-Methylnaphthalene	12.427	142	3106908	45.104	ng	99
38) 1-Methylnaphthalene	12.645	142	2917824	45.201	ng	100
40) 1,2,4,5-Tetrachloroben...	12.792	216	1557848	42.476	ng	100
41) Hexachlorocyclopentadiene	12.769	237	1817065	90.260	ng	98
43) 2,4,6-Trichlorophenol	13.033	196	1165932	49.093	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	1280357	46.058	ng	96
46) 1,1'-Biphenyl	13.433	154	4054034	42.418	ng	98
47) 2-Chloronaphthalene	13.474	162	3154985	43.777	ng	99
48) 2-Nitroaniline	13.686	65	1046418	45.472	ng	93
49) Acenaphthylene	14.321	152	5047705	43.971	ng	99
50) Dimethylphthalate	14.063	163	3886954	44.775	ng	99
51) 2,6-Dinitrotoluene	14.180	165	885111	46.155	ng	98
52) Acenaphthene	14.663	154	2973860	42.153	ng	99
53) 3-Nitroaniline	14.510	138	724900	32.819	ng	94
54) 2,4-Dinitrophenol	14.721	184	1171196	104.441	ng	88
55) Dibenzofuran	14.998	168	4660953	42.219	ng	100
56) 4-Nitrophenol	14.827	139	1702080	98.724	ng	95
57) 2,4-Dinitrotoluene	14.969	165	1215511	48.105	ng	96
58) Fluorene	15.645	166	3709283	42.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	1048341	48.899	ng	97
60) Diethylphthalate	15.421	149	3912593	46.321	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	1819948	42.838	ng	99
62) 4-Nitroaniline	15.680	138	985493	43.318	ng	95
63) Azobenzene	15.933	77	3901414	43.652	ng	96
65) 4,6-Dinitro-2-methylph...	15.733	198	703852	46.844	ng	90
66) n-Nitrosodiphenylamine	15.857	169	3265070	42.237	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	1106877	44.691	ng	99
68) Hexachlorobenzene	16.651	284	1249396	45.125	ng	97
69) Atrazine	16.810	200	1103297	52.251	ng	98
70) Pentachlorophenol	16.998	266	1669675	81.990	ng	99
71) Phenanthrene	17.386	178	5607716	41.668	ng	99
72) Anthracene	17.480	178	5756469	42.891	ng	100
73) Carbazole	17.751	167	5308021	43.335	ng	99
74) Di-n-butylphthalate	18.309	149	6546454	43.975	ng	99
75) Fluoranthene	19.398	202	6013859	42.322	ng	99
77) Benzidine	19.586	184	3202352	75.345	ng	98
78) Pyrene	19.762	202	6388402	47.488	ng	99
80) Butylbenzylphthalate	20.656	149	2853310	49.752	ng	98
81) Benzo(a)anthracene	21.509	228	5805665	45.010	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	1738461	43.854	ng	99
83) Chrysene	21.562	228	5345792	42.613	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	4037565	48.776	ng	98
85) Di-n-octyl phthalate	22.362	149	6750492	49.091	ng	97
87) Indeno(1,2,3-cd)pyrene	26.485	276	5280567	40.110	ng	100
88) Benzo(b)fluoranthene	23.215	252	5346537	48.370	ng	100
89) Benzo(k)fluoranthene	23.262	252	5119373	44.504	ng	100
90) Benzo(a)pyrene	23.850	252	4516051	42.452	ng	100
91) Dibenzo(a,h)anthracene	26.509	278	4408654	39.542	ng	100
92) Benzo(g,h,i)perylene	27.268	276	4248967	38.953	ng	100

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

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