Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039375.D
Acq On : 10 Apr 2023 13:31
Operator : CG/JU
Sample : PB151995BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 02:09:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 02:05:37 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB151995BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	352022	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	1350239	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	716188	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1248755	20.000	ng	0.00
76) Chrysene-d12	21.462	240	834347	20.000	ng	0.00
86) Perylene-d12	23.845	264	840833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2604957	111.488	ng	0.00
7) Phenol-d6	7.052	99	3251466	107.589	ng	0.00
23) Nitrobenzene-d5	9.046	82	1959350	70.528	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	834174	91.755	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3731128	70.587	ng	0.00
79) Terphenyl-d14	19.898	244	3544282	78.484	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	365807	38.303	ng	97
3) Pyridine	3.699	79	878504	32.835	ng	98
4) n-Nitrosodimethylamine	3.611	42	460378	43.813	ng	93
6) Aniline	7.199	93	1478397	39.525	ng	99
8) 2-Chlorophenol	7.434	128	1075525	44.973	ng	96
9) Benzaldehyde	7.010	77	607284	35.285	ng	98
10) Phenol	7.075	94	1365643	45.092	ng	98
11) bis(2-Chloroethyl)ether	7.299	93	1084903	44.528	ng	98
12) 1,3-Dichlorobenzene	7.757	146	1120249	44.171	ng	99
13) 1,4-Dichlorobenzene	7.905	146	1144648	44.635	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1095204	44.663	ng	99
15) Benzyl Alcohol	8.122	79	891342	42.881	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1489235m	47.787	ng	
17) 2-Methylphenol	8.328	107	876609	41.371	ng	98
18) Hexachloroethane	8.946	117	442885	44.647	ng	97
19) n-Nitroso-di-n-propyla...	8.693	70	820877	42.491	ng	97
20) 3+4-Methylphenols	8.657	107	1165739	40.942	ng	97
22) Acetophenone	8.704	105	1600686	44.338	ng	98
24) Nitrobenzene	9.087	77	1205051	43.609	ng	98
25) Isophorone	9.616	82	2170234	41.874	ng	99
26) 2-Nitrophenol	9.793	139	544820	42.652	ng	97
27) 2,4-Dimethylphenol	9.863	122	938039	44.198	ng	99
28) bis(2-Chloroethoxy)met...	10.098	93	1353204	43.132	ng	99
29) 2,4-Dichlorophenol	10.334	162	900375	43.481	ng	99
30) 1,2,4-Trichlorobenzene	10.540	180	972037	43.877	ng	98
31) Naphthalene	10.734	128	3067621	42.163	ng	100
32) Benzoic acid	10.046	122	653862	39.528	ng	98
33) 4-Chloroaniline	10.851	127	541810	16.998	ng	99
34) Hexachlorobutadiene	11.010	225	564800	43.358	ng	99
35) Caprolactam	11.669	113	251532	34.984	ng	89
36) 4-Chloro-3-methylphenol	11.987	107	915497	40.071	ng	98
37) 2-Methylnaphthalene	12.345	142	1995804	39.405	ng	99
38) 1-Methylnaphthalene	12.563	142	1859123	39.201	ng	100
40) 1,2,4,5-Tetrachloroben...	12.716	216	1011510	46.388	ng	99
41) Hexachlorocyclopentadiene	12.687	237	1407876	118.184	ng	98
43) 2,4,6-Trichlorophenol	12.957	196	641043	43.107	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.034	196	691892	39.688	ng	99
46)	1,1'-Biphenyl	13.357	154	2535964	44.840	ng	99
47)	2-Chloronaphthalene	13.398	162	1913401	44.682	ng	99
48)	2-Nitroaniline	13.616	65	561649	38.975	ng	99
49)	Acenaphthylene	14.245	152	2931479	41.652	ng	99
50)	Dimethylphthalate	13.986	163	2132254	38.632	ng	100
51)	2,6-Dinitrotoluene	14.110	165	461252	38.861	ng	94
52)	Acenaphthene	14.586	154	1737653	41.812	ng	100
53)	3-Nitroaniline	14.439	138	306200	22.315	ng	96
54)	2,4-Dinitrophenol	14.651	184	540285	76.863	ng	99
55)	Dibenzofuran	14.922	168	2689612	40.199	ng	99
56)	4-Nitrophenol	14.763	139	711618	67.255	ng	92
57)	2,4-Dinitrotoluene	14.898	165	593877	36.987	ng	91
58)	Fluorene	15.575	166	2098927	39.617	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.151	232	554475	39.980	ng	99
60)	Diethylphthalate	15.351	149	2069591	37.253	ng	100
61)	4-Chlorophenyl-phenyle...	15.569	204	1038758	39.561	ng	99
62)	4-Nitroaniline	15.610	138	394560	28.021	ng	96
63)	Azobenzene	15.857	77	2271752	40.815	ng	96
65)	4,6-Dinitro-2-methylph...	15.663	198	336436	40.952	ng	97
66)	n-Nitrosodiphenylamine	15.786	169	1732347	44.024	ng	99
67)	4-Bromophenyl-phenylether	16.463	248	586736	43.996	ng	99
68)	Hexachlorobenzene	16.575	284	665437	46.019	ng	98
69)	Atrazine	16.739	200	538023	43.169	ng	99
70)	Pentachlorophenol	16.922	266	817149	78.766	ng	99
71)	Phenanthrene	17.316	178	2835794	41.464	ng	100
72)	Anthracene	17.404	178	2935180	42.089	ng	99
73)	Carbazole	17.680	167	2529934	38.824	ng	100
74)	Di-n-butylphthalate	18.239	149	3218858	39.932	ng	100
75)	Fluoranthene	19.333	202	2814793	36.105	ng	100
77)	Benzidine	19.527	184	1265168	57.489	ng	100
78)	Pyrene	19.698	202	2914838	49.074	ng	99
80)	Butylbenzylphthalate	20.598	149	1195298	43.927	ng	98
81)	Benzo(a)anthracene	21.445	228	2390870	40.631	ng	99
82)	3,3'-Dichlorobenzidine	21.380	252	667300	34.042	ng	99
83)	Chrysene	21.498	228	2286164	40.245	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.368	149	1685784	41.947	ng	99
85)	Di-n-octyl phthalate	22.292	149	2748912	37.965	ng	98
87)	Indeno(1,2,3-cd)pyrene	26.327	276	2437738	39.349	ng	99
88)	Benzo(b)fluoranthene	23.121	252	2178875	42.350	ng	99
89)	Benzo(k)fluoranthene	23.168	252	2207743	42.128	ng	99
90)	Benzo(a)pyrene	23.739	252	1979722	39.170	ng	100
91)	Dibenzo(a,h)anthracene	26.339	278	2026581	38.957	ng	100
92)	Benzo(g,h,i)perylene	27.080	276	1973188	38.570	ng	99

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

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