Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
Data File : BM041179.D
Acq On : 28 Jul 2023 23:33
Operator : MA/JU
Sample : PB154118BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 29 01:21:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 29 00:19:24 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154118BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	143403	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	538614	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	282233	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	530376	20.000	ng	0.00
76) Chrysene-d12	21.427	240	527191	20.000	ng	0.00
86) Perylene-d12	23.798	264	619775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1512220	157.608	ng	0.00
7) Phenol-d6	6.987	99	1867736	150.173	ng	0.00
23) Nitrobenzene-d5	8.987	82	1187320	102.515	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	628376	157.407	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2353424	105.337	ng	0.00
79) Terphenyl-d14	19.863	244	3161405	108.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	146186	35.616	ng	99
3) Pyridine	3.675	79	399232	36.992	ng	96
4) n-Nitrosodimethylamine	3.587	42	216785	43.432	ng	93
6) Aniline	7.140	93	623493	42.836	ng	99
8) 2-Chlorophenol	7.369	128	479860	51.230	ng	100
9) Benzaldehyde	6.952	77	311313m	47.437	ng	
10) Phenol	7.016	94	598287	49.806	ng	99
11) bis(2-Chloroethyl)ether	7.240	93	476628	49.018	ng	98
12) 1,3-Dichlorobenzene	7.693	146	529844	51.965	ng	98
13) 1,4-Dichlorobenzene	7.846	146	538845	52.579	ng	99
14) 1,2-Dichlorobenzene	8.157	146	511074	52.011	ng	99
15) Benzyl Alcohol	8.063	79	420651	53.557	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.346	45	610662	47.135	ng	99
17) 2-Methylphenol	8.263	107	390637	47.600	ng	99
18) Hexachloroethane	8.875	117	199343	52.248	ng	95
19) n-Nitroso-di-n-propyla...	8.628	70	366682	48.540	ng	97
20) 3+4-Methylphenols	8.599	107	520413	47.427	ng	98
22) Acetophenone	8.646	105	683093	47.887	ng	98
24) Nitrobenzene	9.028	77	544710	46.506	ng	99
25) Isophorone	9.551	82	940514	47.837	ng	99
26) 2-Nitrophenol	9.734	139	241592	52.764	ng	96
27) 2,4-Dimethylphenol	9.799	122	406714	50.479	ng	100
28) bis(2-Chloroethoxy)met...	10.040	93	581224	47.195	ng	99
29) 2,4-Dichlorophenol	10.269	162	408674	50.298	ng	100
30) 1,2,4-Trichlorobenzene	10.475	180	459425	51.178	ng	99
31) Naphthalene	10.663	128	1373338	46.987	ng	100
32) Benzoic acid	9.957	122	263720	44.240	ng	97
33) 4-Chloroaniline	10.793	127	337949	28.932	ng	98
34) Hexachlorobutadiene	10.934	225	282072	52.245	ng	99
35) Caprolactam	11.604	113	114282m	48.622	ng	
36) 4-Chloro-3-methylphenol	11.922	107	404541	47.304	ng	99
37) 2-Methylnaphthalene	12.281	142	895881	45.464	ng	99
38) 1-Methylnaphthalene	12.504	142	833601	45.199	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	469235	51.202	ng	99
41) Hexachlorocyclopentadiene	12.622	237	616760	127.209	ng	98
43) 2,4,6-Trichlorophenol	12.898	196	305408	51.994	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	323244	47.546	ng	98
46) 1,1'-Biphenyl	13.304	154	1105307	48.308	ng	98
47) 2-Chloronaphthalene	13.345	162	856619	50.141	ng	99
48) 2-Nitroaniline	13.563	65	261462	47.946	ng	99
49) Acenaphthylene	14.192	152	1316497	47.742	ng	100
50) Dimethylphthalate	13.939	163	1002811	47.236	ng	100
51) 2,6-Dinitrotoluene	14.069	165	214872	48.847	ng	94
52) Acenaphthene	14.533	154	784290	47.213	ng	99
53) 3-Nitroaniline	14.398	138	176685	35.424	ng	94
54) 2,4-Dinitrophenol	14.610	184	194268	66.463	ng	92
55) Dibenzofuran	14.869	168	1244345	45.911	ng	100
56) 4-Nitrophenol	14.716	139	406934	110.999	ng	96
57) 2,4-Dinitrotoluene	14.857	165	284055	45.373	ng	92
58) Fluorene	15.522	166	984345	46.037	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	273627	49.703	ng	98
60) Diethylphthalate	15.304	149	962049	46.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	505325	47.163	ng	97
62) 4-Nitroaniline	15.569	138	190190	41.183	ng	98
63) Azobenzene	15.816	77	1011299	44.969	ng	97
65) 4,6-Dinitro-2-methylph...	15.622	198	127974	39.830	ng	94
66) n-Nitrosodiphenylamine	15.739	169	817021	49.531	ng	100
67) 4-Bromophenyl-phenylether	16.416	248	295967	50.896	ng	99
68) Hexachlorobenzene	16.527	284	340573	52.670	ng	96
69) Atrazine	16.698	200	282395	65.190	ng	98
70) Pentachlorophenol	16.880	266	489075	109.228	ng	100
71) Phenanthrene	17.269	178	1427407	48.439	ng	99
72) Anthracene	17.363	178	1435284	49.247	ng	100
73) Carbazole	17.639	167	1324106	50.196	ng	100
74) Di-n-butylphthalate	18.204	149	1527662	51.250	ng	100
75) Fluoranthene	19.292	202	1638849	49.502	ng	100
77) Benzidine	19.492	184	977665	136.060	ng	100
78) Pyrene	19.657	202	1733120	47.010	ng	100
80) Butylbenzylphthalate	20.563	149	689755	51.233	ng	100
81) Benzo(a)anthracene	21.410	228	1780547	49.820	ng	100
82) 3,3'-Dichlorobenzidine	21.351	252	656727	56.313	ng	100
83) Chrysene	21.462	228	1639719	47.434	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	1015597	47.528	ng	98
85) Di-n-octyl phthalate	22.256	149	1803368	53.000	ng	97
87) Indeno(1,2,3-cd)pyrene	26.250	276	2348542	51.541	ng	98
88) Benzo(b)fluoranthene	23.074	252	1881451	51.101	ng	99
89) Benzo(k)fluoranthene	23.127	252	1906017	50.609	ng	99
90) Benzo(a)pyrene	23.692	252	1686554	47.673	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	1978450	52.056	ng	98
92) Benzo(g,h,i)perylene	27.003	276	1894812	50.951	ng	99

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

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