Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041914.D
Acq On : 19 Sep 2023 22:02
Operator : MA/JU
Sample : PB155451BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 20 02:11:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB155451BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	371791	20.000	ng		0.00
21) Naphthalene-d8	10.780	136	1531434	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	914491	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	1796919	20.000	ng		0.00
76) Chrysene-d12	21.539	240	1393519	20.000	ng		0.00
86) Perylene-d12	23.956	264	1338842	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1964021	87.987	ng		0.00
7) Phenol-d6	7.110	99	2578313	83.190	ng		0.00
23) Nitrobenzene-d5	9.157	82	2370404	78.808	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	887394	77.773	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	4977440	79.888	ng		0.00
79) Terphenyl-d14	19.974	244	6886950	90.011	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	261055	28.673	ng		99
3) Pyridine	3.816	79	763640	27.000	ng		99
4) n-Nitrosodimethylamine	3.740	42	502923	37.409	ng		96
6) Aniline	7.304	93	1261452	30.721	ng		100
8) 2-Chlorophenol	7.522	128	1042918	41.966	ng		98
9) Benzaldehyde	7.122	77	328203	18.731	ng		97
10) Phenol	7.140	94	1352136	42.502	ng		99
11) bis(2-Chloroethyl)ether	7.398	93	1009576	38.044	ng		99
12) 1,3-Dichlorobenzene	7.845	146	1040111	39.197	ng		99
13) 1,4-Dichlorobenzene	7.998	146	1062887	39.421	ng		99
14) 1,2-Dichlorobenzene	8.310	146	1028948	39.701	ng		100
15) Benzyl Alcohol	8.216	79	951458	38.885	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.486	45	1556058	38.341	ng		99
17) 2-Methylphenol	8.398	107	885511	38.279	ng		99
18) Hexachloroethane	9.034	117	393532	38.830	ng		99
19) n-Nitroso-di-n-propyla...	8.781	70	842949	36.588	ng		99
20) 3+4-Methylphenols	8.728	107	1199690	37.783	ng		97
22) Acetophenone	8.810	105	1513584	39.536	ng	#	99
24) Nitrobenzene	9.204	77	1178341	39.469	ng		99
25) Isophorone	9.716	82	2244289	37.804	ng		99
26) 2-Nitrophenol	9.898	139	548410	40.784	ng		99
27) 2,4-Dimethylphenol	9.933	122	951960	39.365	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	1375404	39.641	ng		99
29) 2,4-Dichlorophenol	10.422	162	996686	42.588	ng		100
30) 1,2,4-Trichlorobenzene	10.633	180	980511	40.808	ng		99
31) Naphthalene	10.833	128	3013513	39.087	ng		100
32) Benzoic acid	10.086	122	727284	38.170	ng		99
33) 4-Chloroaniline	10.957	127	679426	19.689	ng		100
34) Hexachlorobutadiene	11.063	225	578726	39.433	ng		98
35) Caprolactam	11.798	113	305185m	36.487	ng		
36) 4-Chloro-3-methylphenol	12.057	107	1035345	39.697	ng		98
37) 2-Methylnaphthalene	12.439	142	2095578	36.968	ng		100
38) 1-Methylnaphthalene	12.657	142	2005028	37.661	ng		99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1081289	40.771	ng		100
41) Hexachlorocyclopentadiene	12.739	237	1397515	93.715	ng		98
43) 2,4,6-Trichlorophenol	13.039	196	763753	42.316	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	829745	39.281	ng	98
46) 1,1'-Biphenyl	13.445	154	2730724	40.472	ng	99
47) 2-Chloronaphthalene	13.498	162	2069588	42.118	ng	100
48) 2-Nitroaniline	13.721	65	702278	39.998	ng	98
49) Acenaphthylene	14.345	152	3371348	41.343	ng	99
50) Dimethylphthalate	14.074	163	2630383	38.907	ng	99
51) 2,6-Dinitrotoluene	14.216	165	566331	39.528	ng	98
52) Acenaphthene	14.680	154	1947343	39.704	ng	99
53) 3-Nitroaniline	14.551	138	450226	28.076	ng	98
54) 2,4-Dinitrophenol	14.751	184	707055	79.018	ng	97
55) Dibenzofuran	15.010	168	3094576	39.087	ng	100
56) 4-Nitrophenol	14.839	139	1010920	79.486	ng	97
57) 2,4-Dinitrotoluene	14.998	165	756120	39.889	ng	98
58) Fluorene	15.663	166	2447960	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	703885	40.599	ng	99
60) Diethylphthalate	15.421	149	2581147	38.381	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1271863	38.841	ng	98
62) 4-Nitroaniline	15.721	138	553141	35.870	ng	99
63) Azobenzene	15.945	77	2676967	39.264	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	429944	41.667	ng	98
66) n-Nitrosodiphenylamine	15.874	169	2158233	42.526	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	741788	40.059	ng	97
68) Hexachlorobenzene	16.633	284	869668	44.358	ng	98
69) Atrazine	16.821	200	762412	48.175	ng	98
70) Pentachlorophenol	16.992	266	1037623	70.048	ng	98
71) Phenanthrene	17.409	178	3777605	42.153	ng	100
72) Anthracene	17.498	178	3821870	41.806	ng	100
73) Carbazole	17.780	167	3484267	41.565	ng	99
74) Di-n-butylphthalate	18.298	149	4435635	41.217	ng	100
75) Fluoranthene	19.415	202	4175045	39.683	ng	99
77) Benzidine	19.615	184	1340093	47.113	ng	99
78) Pyrene	19.780	202	4309607	44.446	ng	100
80) Butylbenzylphthalate	20.656	149	1817354	42.141	ng	96
81) Benzo(a)anthracene	21.521	228	3784276	41.637	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	1118643	34.950	ng	100
83) Chrysene	21.574	228	3418174	40.125	ng	100
84) Bis(2-ethylhexyl)phtha...	21.397	149	2639272	41.253	ng	99
85) Di-n-octyl phthalate	22.327	149	4341522	40.314	ng	99
87) Indeno(1,2,3-cd)pyrene	26.462	276	3484475	43.590	ng	100
88) Benzo(b)fluoranthene	23.209	252	3314327	42.401	ng	100
89) Benzo(k)fluoranthene	23.262	252	3238487	41.927	ng	100
90) Benzo(a)pyrene	23.850	252	2828341	38.561	ng	100
91) Dibenzo(a,h)anthracene	26.479	278	2915883	43.754	ng	99
92) Benzo(g,h,i)perylene	27.250	276	2798100	43.943	ng	99

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

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