Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
Data File : BM040108.D
Acq On : 06 Jun 2023 17:44
Operator : MA/JU
Sample : 02986-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-14-0AMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 02:11:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	253315	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1169648	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	698846	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1452075	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1513377	20.000	ng	0.00
86) Perylene-d12	23.991	264	1423603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1491529	90.319	ng	0.00
7) Phenol-d6	7.151	99	1875936	87.082	ng	0.00
23) Nitrobenzene-d5	9.163	82	1562574	72.087	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1167655	128.731	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	3979877	67.171	ng	0.00
79) Terphenyl-d14	19.992	244	7416255	76.089	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	204369	30.644	ng	# 44
3) Pyridine	3.816	79	522826	28.554	ng	96
4) n-Nitrosodimethylamine	3.722	42	257028	33.042	ng	89
6) Aniline	7.316	93	927436	34.793	ng	98
8) 2-Chlorophenol	7.557	128	614980	35.378	ng	97
9) Benzaldehyde	7.128	77	334501	32.121	ng	98
10) Phenol	7.181	94	664967	30.795	ng	95
11) bis(2-Chloroethyl)ether	7.416	93	697403	39.212	ng	98
12) 1,3-Dichlorobenzene	7.886	146	688945	37.427	ng	97
13) 1,4-Dichlorobenzene	8.034	146	712529	38.044	ng	100
14) 1,2-Dichlorobenzene	8.351	146	698909	38.056	ng	99
15) Benzyl Alcohol	8.239	79	640947	46.157	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.533	45	861301	37.751	ng	98
17) 2-Methylphenol	8.439	107	581456	37.637	ng	99
18) Hexachloroethane	9.086	117	251597	37.054	ng	95
19) n-Nitroso-di-n-propyla...	8.810	70	543475	43.558	ng	97
20) 3+4-Methylphenols	8.769	107	772648	37.900	ng	99
22) Acetophenone	8.822	105	1171932	37.122	ng	98
24) Nitrobenzene	9.210	77	793462	36.087	ng	97
25) Isophorone	9.733	82	1573117	39.796	ng	98
26) 2-Nitrophenol	9.922	139	253787	32.619	ng	94
27) 2,4-Dimethylphenol	9.980	122	727431	41.049	ng	97
28) bis(2-Chloroethoxy)met...	10.222	93	1002250	38.672	ng	99
29) 2,4-Dichlorophenol	10.457	162	589514	35.112	ng	100
30) 1,2,4-Trichlorobenzene	10.675	180	621201	33.796	ng	99
31) Naphthalene	10.863	128	2346650	36.362	ng	100
32) Benzoic acid	10.086	122	223713	23.490	ng	95
33) 4-Chloroaniline	10.969	127	497522	18.295	ng	99
34) Hexachlorobutadiene	11.151	225	306127	29.672	ng	98
35) Caprolactam	11.751	113	209685	44.228	ng	88
36) 4-Chloro-3-methylphenol	12.092	107	709251	40.870	ng	99
37) 2-Methylnaphthalene	12.469	142	1670884	38.843	ng	99
38) 1-Methylnaphthalene	12.686	142	1566615	38.906	ng	98
40) 1,2,4,5-Tetrachloroben...	12.833	216	691586	31.289	ng	98
41) Hexachlorocyclopentadiene	12.816	237	790154	69.103	ng	99
43) 2,4,6-Trichlorophenol	13.068	196	458400	34.168	ng	98

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	499883	31.304	ng	97
46) 1,1'-Biphenyl	13.474	154	2239119	37.424	ng	99
47) 2-Chloronaphthalene	13.515	162	1680547	37.629	ng	99
48) 2-Nitroaniline	13.715	65	500651	41.781	ng	96
49) Acenaphthylene	14.357	152	2782689	39.800	ng	99
50) Dimethylphthalate	14.092	163	2124520	40.328	ng	100
51) 2,6-Dinitrotoluene	14.210	165	438996	43.560	ng	99
52) Acenaphthene	14.698	154	1866622m	40.861	ng	
53) 3-Nitroaniline	14.539	138	361020	30.282	ng	100
54) 2,4-Dinitrophenol	14.739	184	279643	52.889	ng	99
55) Dibenzofuran	15.033	168	2650629	39.305	ng	99
56) 4-Nitrophenol	14.839	139	625354	67.809	ng	92
57) 2,4-Dinitrotoluene	14.992	165	615304	42.841	ng	97
58) Fluorene	15.680	166	2269658	40.486	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.257	232	440125	37.062	ng	95
60) Diethylphthalate	15.451	149	2211001	42.460	ng	99
61) 4-Chlorophenyl-phenyle...	15.674	204	1026091	37.411	ng	100
62) 4-Nitroaniline	15.704	138	605403	48.759	ng	92
63) Azobenzene	15.968	77	2158714	41.581	ng	96
65) 4,6-Dinitro-2-methylph...	15.751	198	215543	30.373	ng	97
66) n-Nitrosodiphenylamine	15.886	169	1910147	38.252	ng	99
67) 4-Bromophenyl-phenylether	16.568	248	564749	35.199	ng	98
68) Hexachlorobenzene	16.680	284	687329	37.486	ng	99
69) Atrazine	16.839	200	616774	49.656	ng	99
70) Pentachlorophenol	17.027	266	820333	68.153	ng	97
71) Phenanthrene	17.421	178	3436698	39.568	ng	100
72) Anthracene	17.509	178	3501095	40.684	ng	100
73) Carbazole	17.780	167	3434750	44.178	ng	100
74) Di-n-butylphthalate	18.339	149	3805780	39.029	ng	100
75) Fluoranthene	19.433	202	3656034	42.234	ng	100
77) Benzidine	19.615	184	1554649	66.152	ng	99
78) Pyrene	19.792	202	3957236	35.635	ng	100
80) Butylbenzylphthalate	20.686	149	1710885	38.524	ng	93
81) Benzo(a)anthracene	21.538	228	4152805	38.763	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	1050314	32.819	ng	98
83) Chrysene	21.591	228	3954147	38.467	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	2635703	37.104	ng	99
85) Di-n-octyl phthalate	22.397	149	4452604	40.972	ng	98
87) Indeno(1,2,3-cd)pyrene	26.538	276	3844203	33.956	ng	100
88) Benzo(b)fluoranthene	23.250	252	3869704	42.457	ng	100
89) Benzo(k)fluoranthene	23.297	252	3988250	40.017	ng	100
90) Benzo(a)pyrene	23.885	252	3175335	36.327	ng	98
91) Dibenzo(a,h)anthracene	26.556	278	3341366	34.187	ng	99
92) Benzo(g,h,i)perylene	27.320	276	2786230	32.254	ng	99

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

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