Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102822\
Data File : BM037254.D
Acq On : 28 Oct 2022 14:07
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 02:55:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 02:48:52 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	380491	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1593370	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	953800	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1835854	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1488294	20.000	ng		0.00
86) Perylene-d12	23.780	264	1312487	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	451325	21.051	ng		0.00
7) Phenol-d6	7.045	99	606545	20.141	ng		0.00
23) Nitrobenzene-d5	9.039	82	627643	21.069	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	205251	27.438	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	1416455	22.899	ng		0.00
79) Terphenyl-d14	19.868	244	1749744	23.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	98506	10.663	ng		98
3) Pyridine	3.734	79	280971	9.854	ng		100
4) n-Nitrosodimethylamine	3.646	42	125897	10.172	ng	#	97
6) Aniline	7.204	93	370653	9.693	ng		100
8) 2-Chlorophenol	7.439	128	276883	10.823	ng		99
9) Benzaldehyde	7.016	77	166810m	8.648	ng		
10) Phenol	7.069	94	342078	9.917	ng		99
11) bis(2-Chloroethyl)ether	7.304	93	281518	9.992	ng		99
12) 1,3-Dichlorobenzene	7.763	146	305364	10.895	ng		98
13) 1,4-Dichlorobenzene	7.910	146	318045	11.072	ng		99
14) 1,2-Dichlorobenzene	8.222	146	308661	11.218	ng		96
15) Benzyl Alcohol	8.122	79	215423	9.181	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.410	45	411896	10.009	ng		99
17) 2-Methylphenol	8.328	107	224890	9.986	ng		99
18) Hexachloroethane	8.951	117	109246	10.310	ng		97
19) n-Nitroso-di-n-propyla...	8.686	70	214812	9.391	ng		98
20) 3+4-Methylphenols	8.651	107	311733	10.069	ng		98
22) Acetophenone	8.704	105	408001	10.202	ng	#	99
24) Nitrobenzene	9.086	77	319698	10.148	ng		99
25) Isophorone	9.610	82	511402	9.286	ng		99
26) 2-Nitrophenol	9.798	139	129723	12.292	ng		98
27) 2,4-Dimethylphenol	9.857	122	205153	10.067	ng		99
28) bis(2-Chloroethoxy)met...	10.092	93	333397	10.008	ng		99
29) 2,4-Dichlorophenol	10.328	162	230810	10.727	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	274024	11.827	ng		98
31) Naphthalene	10.727	128	922682	10.719	ng		99
32) Benzoic acid	9.957	122	120365	7.739	ng		97
33) 4-Chloroaniline	10.845	127	357805	10.340	ng		99
34) Hexachlorobutadiene	11.004	225	151317	11.942	ng		98
35) Caprolactam	11.627	113	66710	8.984	ng		96
36) 4-Chloro-3-methylphenol	11.969	107	242331	9.580	ng		99
37) 2-Methylnaphthalene	12.333	142	610234	10.553	ng		99
38) 1-Methylnaphthalene	12.557	142	599395	10.591	ng		97
40) 1,2,4,5-Tetrachloroben...	12.698	216	274275	11.714	ng		99
41) Hexachlorocyclopentadiene	12.674	237	107607	9.382	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	181404	11.300	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.021	196	200473	11.220	ng	99
46) 1,1'-Biphenyl	13.345	154	763226	10.854	ng	99
47) 2-Chloronaphthalene	13.386	162	605150	11.207	ng	99
48) 2-Nitroaniline	13.604	65	163389	9.506	ng	98
49) Acenaphthylene	14.233	152	935536	10.698	ng	99
50) Dimethylphthalate	13.974	163	719099	10.691	ng	98
51) 2,6-Dinitrotoluene	14.092	165	146675	10.914	ng	97
52) Acenaphthene	14.574	154	582925	10.727	ng	99
53) 3-Nitroaniline	14.427	138	157331	9.751	ng	99
54) 2,4-Dinitrophenol	14.633	184	59281	8.789	ng	98
55) Dibenzofuran	14.904	168	906046	11.012	ng	99
56) 4-Nitrophenol	14.739	139	110631	8.577	ng	98
57) 2,4-Dinitrotoluene	14.880	165	184165	10.545	ng	93
58) Fluorene	15.557	166	737739	10.944	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	171138	11.581	ng	99
60) Diethylphthalate	15.327	149	704837	10.104	ng	98
61) 4-Chlorophenyl-phenyle...	15.551	204	339748	11.533	ng	99
62) 4-Nitroaniline	15.586	138	151911	9.182	ng	97
63) Azobenzene	15.839	77	695731	8.967	ng	98
65) 4,6-Dinitro-2-methylph...	15.639	198	90501	9.914	ng	93
66) n-Nitrosodiphenylamine	15.762	169	604153	10.651	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	194441	11.485	ng	99
68) Hexachlorobenzene	16.551	284	239884	12.796	ng	99
69) Atrazine	16.715	200	144551	9.251	ng	98
70) Pentachlorophenol	16.904	266	115464	10.035	ng	99
71) Phenanthrene	17.292	178	1115566	10.854	ng	99
72) Anthracene	17.380	178	1025619	10.465	ng	99
73) Carbazole	17.656	167	939359	10.269	ng	100
74) Di-n-butylphthalate	18.215	149	1005750	8.780	ng	99
75) Fluoranthene	19.303	202	1115675	10.550	ng	99
77) Benzidine	19.498	184	188724	6.044	ng	100
78) Pyrene	19.668	202	1163632	10.382	ng	100
80) Butylbenzylphthalate	20.562	149	370843	8.027	ng	97
81) Benzo(a)anthracene	21.409	228	1044181	10.802	ng	98
82) 3,3'-Dichlorobenzidine	21.344	252	289964	11.050	ng	98
83) Chrysene	21.456	228	1019437	10.949	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	469855	6.928	ng	100
85) Di-n-octyl phthalate	22.244	149	726809	6.655	ng	98
87) Indeno(1,2,3-cd)pyrene	26.221	276	983861	11.351	ng	100
88) Benzo(b)fluoranthene	23.062	252	889157	10.690	ng	99
89) Benzo(k)fluoranthene	23.109	252	894539	10.453	ng	99
90) Benzo(a)pyrene	23.674	252	695187	10.393	ng	98
91) Dibenzo(a,h)anthracene	26.238	278	817205	11.318	ng	100
92) Benzo(g,h,i)perylene	26.974	276	820689	11.707	ng	98

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

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