Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036033.D
Acq On : 01 Aug 2022 16:16
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 01 16:52:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 15:55:40 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	291765	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1165448	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	699458	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1415367	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1350202	20.000	ng	0.00
86) Perylene-d12	23.791	264	1368837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2172987	115.462	ng	0.00
7) Phenol-d6	7.046	99	2805623	118.552	ng	0.00
23) Nitrobenzene-d5	9.045	82	2619105	120.193	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1081194	138.193	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	5782537	116.857	ng	0.00
79) Terphenyl-d14	19.874	244	8408119	121.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	428580	55.095	ng	# 92
3) Pyridine	3.710	79	1190000m	57.561	ng	
4) n-Nitrosodimethylamine	3.622	42	480454	55.609	ng	# 63
6) Aniline	7.204	93	1556494	59.890	ng	95
8) 2-Chlorophenol	7.434	128	1163595	59.833	ng	95
9) Benzaldehyde	7.010	77	663591	49.910	ng	95
10) Phenol	7.069	94	1411732	59.231	ng	91
11) bis(2-Chloroethyl)ether	7.304	93	1132964	58.914	ng	95
12) 1,3-Dichlorobenzene	7.757	146	1264898	58.313	ng	98
13) 1,4-Dichlorobenzene	7.904	146	1283789	58.127	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1242780	58.178	ng	100
15) Benzyl Alcohol	8.122	79	959019	61.502	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1498478	59.850	ng	96
17) 2-Methylphenol	8.322	107	935850	60.480	ng	96
18) Hexachloroethane	8.951	117	470715	59.243	ng	95
19) n-Nitroso-di-n-propyla...	8.692	70	859531	62.646	ng	# 88
20) 3+4-Methylphenols	8.651	107	1284455	61.418	ng	96
22) Acetophenone	8.704	105	1723706	59.844	ng	# 92
24) Nitrobenzene	9.087	77	1220571	59.636	ng	95
25) Isophorone	9.610	82	2169840	63.654	ng	99
26) 2-Nitrophenol	9.792	139	611434	66.319	ng	93
27) 2,4-Dimethylphenol	9.857	122	912894	62.771	ng	99
28) bis(2-Chloroethoxy)met...	10.098	93	1496809	63.087	ng	100
29) 2,4-Dichlorophenol	10.328	162	1032478	64.031	ng	100
30) 1,2,4-Trichlorobenzene	10.539	180	1131624	60.811	ng	98
31) Naphthalene	10.728	128	3554833	60.032	ng	99
32) Benzoic acid	10.022	122	810369	73.677	ng	93
33) 4-Chloroaniline	10.845	127	1493397	63.042	ng	95
34) Hexachlorobutadiene	11.010	225	663684	62.141	ng	99
35) Caprolactam	11.651	113	342807	69.516	ng	96
36) 4-Chloro-3-methylphenol	11.969	107	1100024	66.530	ng	99
37) 2-Methylnaphthalene	12.339	142	2418948	62.795	ng	97
38) 1-Methylnaphthalene	12.557	142	2362667	63.012	ng	99
40) 1,2,4,5-Tetrachloroben...	12.704	216	1176241	58.859	ng	98
41) Hexachlorocyclopentadiene	12.680	237	652409	60.571	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	832458	63.020	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	887838	63.746	ng	98
46) 1,1'-Biphenyl	13.351	154	3145554	59.117	ng	99
47) 2-Chloronaphthalene	13.392	162	2415580	59.065	ng	99
48) 2-Nitroaniline	13.598	65	717445	63.664	ng	93
49) Acenaphthylene	14.233	152	3810028	60.503	ng	99
50) Dimethylphthalate	13.980	163	3012046	65.423	ng	99
51) 2,6-Dinitrotoluene	14.098	165	628383	65.272	ng	90
52) Acenaphthene	14.574	154	2486316m	65.910	ng	
53) 3-Nitroaniline	14.427	138	750881	64.782	ng	95
54) 2,4-Dinitrophenol	14.627	184	364873	76.916	ng	92
55) Dibenzofuran	14.910	168	3664822	60.637	ng	98
56) 4-Nitrophenol	14.727	139	615711	67.702	ng	87
57) 2,4-Dinitrotoluene	14.880	165	863013	68.500	ng	98
58) Fluorene	15.557	166	2938146	61.916	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.133	232	742263	66.301	ng	97
60) Diethylphthalate	15.339	149	3110579	68.185	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	1461112	63.282	ng	97
62) 4-Nitroaniline	15.586	138	790731	66.625	ng	92
63) Azobenzene	15.845	77	2974717	63.505	ng	94
65) 4,6-Dinitro-2-methylph...	15.639	198	511083	71.909	ng	93
66) n-Nitrosodiphenylamine	15.769	169	2518917	60.608	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	892113	62.700	ng	95
68) Hexachlorobenzene	16.551	284	1017037	61.576	ng	94
69) Atrazine	16.721	200	640169	58.618	ng	98
70) Pentachlorophenol	16.898	266	625309	68.227	ng	99
71) Phenanthrene	17.292	178	4496391	60.389	ng	99
72) Anthracene	17.380	178	4406268	60.883	ng	98
73) Carbazole	17.657	167	4482848	61.063	ng	99
74) Di-n-butylphthalate	18.221	149	5407928	72.350	ng	99
75) Fluoranthene	19.304	202	5092233	62.921	ng	98
77) Benzidine	19.492	184	1175294	49.579	ng	99
78) Pyrene	19.668	202	5302203	60.059	ng	99
80) Butylbenzylphthalate	20.568	149	2397748	76.084	ng	98
81) Benzo(a)anthracene	21.415	228	5235912	61.260	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1298306	64.848	ng	99
83) Chrysene	21.468	228	4963454	60.857	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	3526064	79.380	ng	98
85) Di-n-octyl phthalate	22.262	149	5836662	82.824	ng	96
87) Indeno(1,2,3-cd)pyrene	26.262	276	6114117	61.133	ng	99
88) Benzo(b)fluoranthene	23.074	252	5039114	61.844	ng	99
89) Benzo(k)fluoranthene	23.127	252	5162025	61.218	ng	99
90) Benzo(a)pyrene	23.692	252	4290435	61.862	ng	99
91) Dibenzo(a,h)anthracene	26.280	278	5090091	61.244	ng	99
92) Benzo(g,h,i)perylene	27.021	276	4975055	60.699	ng	99

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

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