Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020824\
Data File : BM044022.D
Acq On : 08 Feb 2024 15:07
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 09 02:34:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:29:56 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	372089	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1609361	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	926770	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	1765097	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1388519	20.000	ng		0.00
86) Perylene-d12	23.897	264	1571493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1041549	40.712	ng		0.00
7) Phenol-d6	7.075	99	1348627	41.432	ng		0.00
23) Nitrobenzene-d5	9.081	82	1240116	40.889	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	403748	40.236	ng		0.00
45) 2-Fluorobiphenyl	13.180	172	2771524	42.206	ng		0.00
79) Terphenyl-d14	19.945	244	3440155	43.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	204423	20.134	ng		99
3) Pyridine	3.781	79	538318	20.069	ng		100
4) n-Nitrosodimethylamine	3.704	42	203929	20.051	ng		99
6) Aniline	7.240	93	655775	20.490	ng		99
8) 2-Chlorophenol	7.469	128	551663	20.649	ng		100
9) Benzaldehyde	7.057	77	374925m	22.413	ng		
10) Phenol	7.104	94	678969	20.668	ng		98
11) bis(2-Chloroethyl)ether	7.345	93	562188	20.666	ng		98
12) 1,3-Dichlorobenzene	7.798	146	622972	20.538	ng		99
13) 1,4-Dichlorobenzene	7.945	146	629718	20.596	ng		99
14) 1,2-Dichlorobenzene	8.257	146	605294	20.777	ng		100
15) Benzyl Alcohol	8.157	79	443353	20.919	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	716886	20.788	ng		99
17) 2-Methylphenol	8.357	107	447901	20.770	ng		98
18) Hexachloroethane	8.981	117	234441	20.479	ng		98
19) n-Nitroso-di-n-propyla...	8.728	70	428450	21.436	ng		99
20) 3+4-Methylphenols	8.686	107	622120	20.961	ng		99
22) Acetophenone	8.739	105	840540	20.576	ng	#	99
24) Nitrobenzene	9.122	77	632395	20.362	ng		99
25) Isophorone	9.645	82	1201526	20.574	ng		99
26) 2-Nitrophenol	9.828	139	286360	19.887	ng		98
27) 2,4-Dimethylphenol	9.892	122	373841	20.304	ng		98
28) bis(2-Chloroethoxy)met...	10.139	93	769478	20.373	ng		100
29) 2,4-Dichlorophenol	10.357	162	492799	20.329	ng		98
30) 1,2,4-Trichlorobenzene	10.575	180	553449	20.304	ng		99
31) Naphthalene	10.763	128	1815214	20.436	ng		100
32) Benzoic acid	9.998	122	348578	18.794	ng		100
33) 4-Chloroaniline	10.880	127	679994	20.217	ng		99
34) Hexachlorobutadiene	11.039	225	317261	20.334	ng		100
35) Caprolactam	11.663	113	153728	19.707	ng		96
36) 4-Chloro-3-methylphenol	12.004	107	537426	20.474	ng		99
37) 2-Methylnaphthalene	12.374	142	1217945	20.585	ng		98
38) 1-Methylnaphthalene	12.592	142	1191259	20.490	ng		100
40) 1,2,4,5-Tetrachloroben...	12.739	216	542488	20.138	ng		100
41) Hexachlorocyclopentadiene	12.710	237	239260	20.352	ng		99
43) 2,4,6-Trichlorophenol	12.986	196	371639	20.272	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	409687	20.364	ng	97
46) 1,1'-Biphenyl	13.392	154	1515701	20.726	ng	99
47) 2-Chloronaphthalene	13.427	162	1190056	20.543	ng	99
48) 2-Nitroaniline	13.639	65	325484	19.972	ng	95
49) Acenaphthylene	14.274	152	1773287	20.519	ng	99
50) Dimethylphthalate	14.021	163	1390867	20.241	ng	100
51) 2,6-Dinitrotoluene	14.145	165	305391	20.144	ng	98
52) Acenaphthene	14.616	154	1103192	20.625	ng	100
53) 3-Nitroaniline	14.468	138	321299	19.720	ng	97
54) 2,4-Dinitrophenol	14.674	184	140926	19.991	ng	96
55) Dibenzofuran	14.951	168	1701012	20.547	ng	98
56) 4-Nitrophenol	14.768	139	256377	19.357	ng	97
57) 2,4-Dinitrotoluene	14.927	165	392413	19.804	ng	97
58) Fluorene	15.604	166	1344759	21.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.174	232	323268	20.477	ng	99
60) Diethylphthalate	15.392	149	1434990	20.207	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	651437	21.016	ng	99
62) 4-Nitroaniline	15.633	138	320902	19.567	ng	98
63) Azobenzene	15.898	77	1365749	20.498	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	198640	18.886	ng	96
66) n-Nitrosodiphenylamine	15.821	169	1125639	20.991	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	355752	20.385	ng	99
68) Hexachlorobenzene	16.598	284	442579	20.703	ng	99
69) Atrazine	16.780	200	317212	21.846	ng	100
70) Pentachlorophenol	16.945	266	287647	20.684	ng	99
71) Phenanthrene	17.345	178	1923180	20.633	ng	99
72) Anthracene	17.439	178	1902426	20.617	ng	99
73) Carbazole	17.715	167	1829360	20.385	ng	100
74) Di-n-butylphthalate	18.292	149	2384695	20.444	ng	100
75) Fluoranthene	19.368	202	2109937	20.152	ng	99
77) Benzidine	19.562	184	234515	10.868	ng	99
78) Pyrene	19.733	202	2198491	20.559	ng	100
80) Butylbenzylphthalate	20.650	149	952006	20.028	ng	99
81) Benzo(a)anthracene	21.486	228	1969284	20.389	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	645817	20.379	ng	98
83) Chrysene	21.544	228	1867334	20.464	ng	98
84) Bis(2-ethylhexyl)phtha...	21.439	149	1477771	21.070	ng	99
85) Di-n-octyl phthalate	22.380	149	2426164	19.807	ng	99
87) Indeno(1,2,3-cd)pyrene	26.385	276	2271857	20.426	ng	100
88) Benzo(b)fluoranthene	23.174	252	2019463	20.557	ng	100
89) Benzo(k)fluoranthene	23.221	252	1902702	20.383	ng	100
90) Benzo(a)pyrene	23.791	252	1745306	20.340	ng	99
91) Dibenzo(a,h)anthracene	26.409	278	1916372	20.598	ng	99
92) Benzo(g,h,i)perylene	27.144	276	1901904	20.157	ng	98

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

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