Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020824\
Data File : BM044026.D
Acq On : 08 Feb 2024 17:32
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 09 02:39:23 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 :
SSTDICC080

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	330044	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1328773	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	736257	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1448765	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1130948	20.000	ng	0.00
86) Perylene-d12	23.903	264	1353441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3539094	155.960	ng	0.00
7) Phenol-d6	7.086	99	4433469	153.554	ng	0.00
23) Nitrobenzene-d5	9.086	82	3942799	157.453	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1302849	163.435	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	7541438	144.561	ng	0.00
79) Terphenyl-d14	19.950	244	9164234	142.051	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	712749	79.144	ng	99
3) Pyridine	3.781	79	1920681m	80.726	ng	
4) n-Nitrosodimethylamine	3.704	42	744786	82.559	ng	99
6) Aniline	7.245	93	2244493	79.064	ng	100
8) 2-Chlorophenol	7.475	128	1856233	78.332	ng	98
9) Benzaldehyde	7.057	77	972574	65.548	ng	98
10) Phenol	7.110	94	2275545	78.093	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	1886267	78.171	ng	100
12) 1,3-Dichlorobenzene	7.798	146	2091388	77.733	ng	99
13) 1,4-Dichlorobenzene	7.945	146	2109733	77.793	ng	100
14) 1,2-Dichlorobenzene	8.263	146	1974082	76.392	ng	99
15) Benzyl Alcohol	8.163	79	1474885	78.455	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.445	45	2333706m	76.291	ng	
17) 2-Methylphenol	8.357	107	1488189	77.803	ng	98
18) Hexachloroethane	8.980	117	800851	78.868	ng	98
19) n-Nitroso-di-n-propyla...	8.733	70	1299582	73.302	ng	99
20) 3+4-Methylphenols	8.692	107	2056155	78.103	ng	99
22) Acetophenone	8.745	105	2582228	76.561	ng	100
24) Nitrobenzene	9.127	77	2027375	79.062	ng	97
25) Isophorone	9.651	82	3791683	78.636	ng	100
26) 2-Nitrophenol	9.833	139	1017325	85.570	ng	97
27) 2,4-Dimethylphenol	9.892	122	1219060	80.191	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	2425215	77.771	ng	100
29) 2,4-Dichlorophenol	10.363	162	1639588	81.920	ng	99
30) 1,2,4-Trichlorobenzene	10.574	180	1786862	79.395	ng	99
31) Naphthalene	10.763	128	5669796	77.312	ng	100
32) Benzoic acid	10.069	122	1361015	88.877	ng	98
33) 4-Chloroaniline	10.886	127	2214252	79.735	ng	99
34) Hexachlorobutadiene	11.039	225	1011202	78.498	ng	98
35) Caprolactam	11.698	113	547448	85.000	ng	96
36) 4-Chloro-3-methylphenol	12.010	107	1738925	80.236	ng	99
37) 2-Methylnaphthalene	12.380	142	3737126	76.502	ng	99
38) 1-Methylnaphthalene	12.598	142	3654907	76.142	ng	98
40) 1,2,4,5-Tetrachloroben...	12.739	216	1707794	79.802	ng	99
41) Hexachlorocyclopentadiene	12.710	237	763011	81.697	ng	100
43) 2,4,6-Trichlorophenol	12.986	196	1195420	82.080	ng	99

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44) 2,4,5-Trichlorophenol	13.057	196	1310905	82.020	ng	99
46) 1,1'-Biphenyl	13.392	154	4456271	76.705	ng	99
47) 2-Chloronaphthalene	13.433	162	3605953	78.355	ng	99
48) 2-Nitroaniline	13.645	65	1086809	83.945	ng	97
49) Acenaphthylene	14.280	152	5336781	77.731	ng	100
50) Dimethylphthalate	14.033	163	4248283	77.822	ng	100
51) 2,6-Dinitrotoluene	14.151	165	991121	82.293	ng	99
52) Acenaphthene	14.621	154	3279983	77.190	ng	99
53) 3-Nitroaniline	14.480	138	1110374	85.786	ng	98
54) 2,4-Dinitrophenol	14.680	184	581361	80.378	ng	95
55) Dibenzofuran	14.957	168	4960477	75.423	ng	99
56) 4-Nitrophenol	14.780	139	927653	88.164	ng	99
57) 2,4-Dinitrotoluene	14.933	165	1325131	84.182	ng	97
58) Fluorene	15.609	166	3669563	72.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	994192	79.273	ng	100
60) Diethylphthalate	15.398	149	4393694	77.879	ng	100
61) 4-Chlorophenyl-phenyle...	15.609	204	1762038	71.554	ng	99
62) 4-Nitroaniline	15.645	138	1118415	85.840	ng	98
63) Azobenzene	15.898	77	4103375	77.523	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	763484	88.438	ng	96
66) n-Nitrosodiphenylamine	15.827	169	3399061	77.224	ng	98
67) 4-Bromophenyl-phenylether	16.503	248	1170821	81.739	ng	98
68) Hexachlorobenzene	16.603	284	1368814	78.011	ng	97
69) Atrazine	16.786	200	740795	62.157	ng	98
70) Pentachlorophenol	16.951	266	921259	80.710	ng	100
71) Phenanthrene	17.350	178	5858241	76.574	ng	100
72) Anthracene	17.445	178	5851283	77.256	ng	99
73) Carbazole	17.721	167	5733396	77.839	ng	99
74) Di-n-butylphthalate	18.297	149	7578577	79.157	ng	100
75) Fluoranthene	19.368	202	6688385	77.828	ng	100
77) Benzidine	19.568	184	1486814	84.596	ng	99
78) Pyrene	19.733	202	6913154	79.369	ng	100
80) Butylbenzylphthalate	20.656	149	3343765	86.365	ng	95
81) Benzo(a)anthracene	21.491	228	6214644	78.998	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	1962966	76.050	ng	99
83) Chrysene	21.544	228	5811375	78.191	ng	100
84) Bis(2-ethylhexyl)phtha...	21.438	149	4471332	78.273	ng	99
85) Di-n-octyl phthalate	22.380	149	8544545	85.645	ng	100
87) Indeno(1,2,3-cd)pyrene	26.397	276	7675960	80.132	ng	99
88) Benzo(b)fluoranthene	23.180	252	6736675	79.625	ng	99
89) Benzo(k)fluoranthene	23.227	252	6289931	78.239	ng	100
90) Benzo(a)pyrene	23.803	252	5948107	80.489	ng	99
91) Dibenzo(a,h)anthracene	26.426	278	6307043	78.714	ng	99
92) Benzo(g,h,i)perylene	27.168	276	6562481	80.757	ng	100

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

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