Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
Data File : BM040224.D
Acq On : 13 Jun 2023 14:14
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 13 19:02:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 18:52:59 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	488936	20.000	ng		0.00
21) Naphthalene-d8	10.798	136	1973596	20.000	ng		0.00
39) Acenaphthene-d10	14.621	164	1149466	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	2362019	20.000	ng		0.00
76) Chrysene-d12	21.544	240	2279138	20.000	ng		0.00
86) Perylene-d12	23.980	264	2273873	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	4677213	148.319	ng		0.00
7) Phenol-d6	7.151	99	6493317	151.030	ng		0.01
23) Nitrobenzene-d5	9.157	82	6151148	163.202	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	2787658	173.847	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	12864190	153.616	ng		0.00
79) Terphenyl-d14	19.980	244	14586104	124.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	873791	69.378	ng		99
3) Pyridine	3.799	79	2734099m	76.826	ng		
4) n-Nitrosodimethylamine	3.710	42	1187466	73.539	ng		97
6) Aniline	7.310	93	4064857	77.030	ng		100
8) 2-Chlorophenol	7.545	128	2529774	75.386	ng		98
10) Phenol	7.175	94	3223381	76.635	ng		99
11) bis(2-Chloroethyl)ether	7.404	93	2625397	75.269	ng		99
12) 1,3-Dichlorobenzene	7.869	146	2541578	73.358	ng		99
13) 1,4-Dichlorobenzene	8.016	146	2584616	73.685	ng		98
14) 1,2-Dichlorobenzene	8.339	146	2520187	73.481	ng		99
15) Benzyl Alcohol	8.228	79	2397345	77.748	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	3511417	72.891	ng		100
17) 2-Methylphenol	8.428	107	2338745	75.801	ng		99
18) Hexachloroethane	9.069	117	986146	76.206	ng		97
19) n-Nitroso-di-n-propyla...	8.804	70	2199312	76.156	ng		98
20) 3+4-Methylphenols	8.763	107	3239724	76.762	ng		97
22) Acetophenone	8.816	105	4062192	79.073	ng	#	99
24) Nitrobenzene	9.198	77	3123201	80.737	ng		99
25) Isophorone	9.728	82	5979224	81.649	ng		100
26) 2-Nitrophenol	9.904	139	1462263	88.453	ng		99
27) 2,4-Dimethylphenol	9.969	122	2517395	81.891	ng		99
28) bis(2-Chloroethoxy)met...	10.210	93	3637733	79.029	ng		99
29) 2,4-Dichlorophenol	10.445	162	2414222	82.897	ng		99
30) 1,2,4-Trichlorobenzene	10.657	180	2403245	80.976	ng		100
31) Naphthalene	10.845	128	8234816	77.664	ng		99
32) Benzoic acid	10.163	122	2058361	80.298	ng		99
33) 4-Chloroaniline	10.957	127	3830226	80.759	ng		100
34) Hexachlorobutadiene	11.127	225	1363540	81.726	ng		99
35) Caprolactam	11.786	113	865546	85.284	ng		99
36) 4-Chloro-3-methylphenol	12.086	107	2724127	80.640	ng		98
37) 2-Methylnaphthalene	12.451	142	5879930	78.217	ng		98
38) 1-Methylnaphthalene	12.674	142	5587570	78.698	ng		100
40) 1,2,4,5-Tetrachloroben...	12.822	216	2721076	85.133	ng		99
41) Hexachlorocyclopentadiene	12.798	237	1636225	93.060	ng		98
43) 2,4,6-Trichlorophenol	13.057	196	1927146	86.946	ng		99
44) 2,4,5-Trichlorophenol	13.133	196	2271929	86.045	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.463	154	7197185	79.326	ng		99
47) 2-Chloronaphthalene	13.504	162	5431337	80.837	ng		98
48) 2-Nitroaniline	13.710	65	1960388	88.507	ng		99
49) Acenaphthylene	14.345	152	8984515	80.164	ng		98
50) Dimethylphthalate	14.086	163	7241267	79.168	ng		99
51) 2,6-Dinitrotoluene	14.204	165	1567296	84.214	ng		99
52) Acenaphthene	14.686	154	5452929	79.748	ng		99
53) 3-Nitroaniline	14.539	138	1891038	85.527	ng		99
54) 2,4-Dinitrophenol	14.733	184	961972	80.844	ng		98
55) Dibenzofuran	15.021	168	8481592	78.414	ng		99
56) 4-Nitrophenol	14.839	139	1509986	87.372	ng		98
57) 2,4-Dinitrotoluene	14.992	165	2164633	86.307	ng		95
58) Fluorene	15.668	166	6888551	78.222	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	1818946	84.691	ng		97
60) Diethylphthalate	15.445	149	7438265	79.143	ng		98
61) 4-Chlorophenyl-phenyle...	15.662	204	3517468	81.212	ng		94
62) 4-Nitroaniline	15.704	138	1952723	85.949	ng		99
63) Azobenzene	15.957	77	7554460	80.041	ng		97
65) 4,6-Dinitro-2-methylph...	15.751	198	1273327	89.915	ng		99
66) n-Nitrosodiphenylamine	15.880	169	6077649	81.539	ng		100
67) 4-Bromophenyl-phenylether	16.557	248	2106366	85.184	ng		94
68) Hexachlorobenzene	16.674	284	2310509	84.589	ng		95
69) Atrazine	16.827	200	1865021	83.606	ng		99
70) Pentachlorophenol	17.015	266	1787041	91.254	ng		99
71) Phenanthrene	17.409	178	10485002	79.773	ng		98
72) Anthracene	17.504	178	10851029	81.757	ng		98
73) Carbazole	17.774	167	10054251	80.515	ng		99
74) Di-n-butylphthalate	18.327	149	11870678	76.642	ng	#	95
75) Fluoranthene	19.421	202	11788618	80.924	ng		95
77) Benzidine	19.603	184	3047746	72.007	ng		99
78) Pyrene	19.780	202	12185365	77.942	ng		97
80) Butylbenzylphthalate	20.674	149	6066102	84.716	ng		99
81) Benzo(a)anthracene	21.527	228	12195687	78.543	ng		94
82) 3,3'-Dichlorobenzidine	21.462	252	4413373	82.993	ng		99
83) Chrysene	21.586	228	11443786m	77.878	ng		
84) Bis(2-ethylhexyl)phtha...	21.450	149	8579307	79.171	ng	#	96
85) Di-n-octyl phthalate	22.386	149	13421746	74.151	ng	#	98
87) Indeno(1,2,3-cd)pyrene	26.532	276	12470766	82.795	ng		98
88) Benzo(b)fluoranthene	23.244	252	12083619	88.781	ng		98
89) Benzo(k)fluoranthene	23.297	252	12078866	86.293	ng		97
90) Benzo(a)pyrene	23.880	252	11355012	87.946	ng		98
91) Dibenzo(a,h)anthracene	26.550	278	10821792	84.485	ng		98
92) Benzo(g,h,i)perylene	27.315	276	9077652	79.181	ng		99

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

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