Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039227.D
Acq On : 30 Mar 2023 15:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 30 16:38:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	235847	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	910107	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	529200	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	1078824	20.000	ng		0.00
76) Chrysene-d12	21.498	240	1016998	20.000	ng		0.00
86) Perylene-d12	23.915	264	1144579	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1283016	81.960	ng		0.00
7) Phenol-d6	7.093	99	1645143	81.252	ng		0.00
23) Nitrobenzene-d5	9.092	82	1554719	83.027	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	555198	82.647	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	3115084	79.756	ng		0.00
79) Terphenyl-d14	19.939	244	4415002	80.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	271459	42.425	ng		99
3) Pyridine	3.763	79	767814	42.834	ng		100
4) n-Nitrosodimethylamine	3.669	42	306333	43.514	ng		95
6) Aniline	7.251	93	1021788	40.774	ng		99
8) 2-Chlorophenol	7.487	128	646127	40.327	ng		98
9) Benzaldehyde	7.063	77	468040	40.591	ng		99
10) Phenol	7.116	94	829511	40.881	ng		99
11) bis(2-Chloroethyl)ether	7.346	93	664438	40.704	ng		99
12) 1,3-Dichlorobenzene	7.810	146	673925	39.662	ng		99
13) 1,4-Dichlorobenzene	7.957	146	685968	39.925	ng		99
14) 1,2-Dichlorobenzene	8.275	146	658497	40.082	ng		99
15) Benzyl Alcohol	8.169	79	561490	40.319	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	860397m	41.209	ng		
17) 2-Methylphenol	8.375	107	579507	40.821	ng		100
18) Hexachloroethane	9.004	117	264151	39.746	ng		99
19) n-Nitroso-di-n-propyla...	8.740	70	527996	40.794	ng		99
20) 3+4-Methylphenols	8.704	107	778438	40.807	ng		98
22) Acetophenone	8.757	105	1009278	41.476	ng	#	99
24) Nitrobenzene	9.134	77	773205	41.513	ng		99
25) Isophorone	9.663	82	1431931	40.990	ng		100
26) 2-Nitrophenol	9.851	139	348027	40.422	ng		98
27) 2,4-Dimethylphenol	9.910	122	577614	40.377	ng		100
28) bis(2-Chloroethoxy)met...	10.145	93	858214	40.584	ng		100
29) 2,4-Dichlorophenol	10.387	162	565669	40.528	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	594530	39.815	ng		99
31) Naphthalene	10.787	128	1977070	40.316	ng		100
32) Benzoic acid	10.051	122	438311	39.311	ng		99
33) 4-Chloroaniline	10.898	127	866787	40.345	ng		99
34) Hexachlorobutadiene	11.069	225	350613	39.932	ng		99
35) Caprolactam	11.692	113	190841	39.379	ng		92
36) 4-Chloro-3-methylphenol	12.028	107	618430	40.159	ng		99
37) 2-Methylnaphthalene	12.392	142	1345509	39.413	ng		99
38) 1-Methylnaphthalene	12.616	142	1264544	39.559	ng		99
40) 1,2,4,5-Tetrachloroben...	12.763	216	637658	39.576	ng		99
41) Hexachlorocyclopentadiene	12.739	237	366004	41.580	ng		98
43) 2,4,6-Trichlorophenol	13.004	196	438869	39.940	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	515125	39.989	ng	97
46) 1,1'-Biphenyl	13.404	154	1673983	40.057	ng	99
47) 2-Chloronaphthalene	13.445	162	1264098	39.950	ng	99
48) 2-Nitroaniline	13.657	65	433093	40.673	ng	100
49) Acenaphthylene	14.292	152	2063348	39.676	ng	99
50) Dimethylphthalate	14.033	163	1628052	39.919	ng	99
51) 2,6-Dinitrotoluene	14.151	165	354388	40.407	ng	97
52) Acenaphthene	14.633	154	1234594	40.204	ng	99
53) 3-Nitroaniline	14.480	138	406777	40.120	ng	97
54) 2,4-Dinitrophenol	14.686	184	209105	40.260	ng	99
55) Dibenzofuran	14.969	168	1975423	39.957	ng	99
56) 4-Nitrophenol	14.792	139	318652	40.757	ng	96
57) 2,4-Dinitrotoluene	14.939	165	480507	40.500	ng	95
58) Fluorene	15.616	166	1586058	40.514	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	411205	40.126	ng	98
60) Diethylphthalate	15.392	149	1654487	40.304	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	790529	40.746	ng	99
62) 4-Nitroaniline	15.645	138	428096	41.145	ng	99
63) Azobenzene	15.904	77	1750048	42.552	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	290440	40.922	ng	99
66) n-Nitrosodiphenylamine	15.827	169	1386066	40.772	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	470577	40.844	ng	97
68) Hexachlorobenzene	16.621	284	509250	40.765	ng	99
69) Atrazine	16.780	200	437938	40.673	ng	99
70) Pentachlorophenol	16.968	266	381094	42.520	ng	99
71) Phenanthrene	17.363	178	2398282	40.590	ng	99
72) Anthracene	17.451	178	2463328	40.887	ng	99
73) Carbazole	17.721	167	2277793	40.460	ng	99
74) Di-n-butylphthalate	18.286	149	2849539	40.918	ng	99
75) Fluoranthene	19.374	202	2704481	40.154	ng	100
77) Benzidine	19.562	184	1082882	40.369	ng	100
78) Pyrene	19.739	202	2848705	39.347	ng	99
80) Butylbenzylphthalate	20.633	149	1283791	38.705	ng	96
81) Benzo(a)anthracene	21.486	228	2892798	40.332	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	952278	39.855	ng	99
83) Chrysene	21.539	228	2771443	40.026	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1960671	40.025	ng	99
85) Di-n-octyl phthalate	22.339	149	3420532	38.756	ng	99
87) Indeno(1,2,3-cd)pyrene	26.427	276	3446770	40.871	ng	100
88) Benzo(b)fluoranthene	23.180	252	2842553	40.588	ng	100
89) Benzo(k)fluoranthene	23.227	252	2863448	40.140	ng	99
90) Benzo(a)pyrene	23.809	252	2778819	40.390	ng	100
91) Dibenzo(a,h)anthracene	26.444	278	2908536	41.074	ng	99
92) Benzo(g,h,i)perylene	27.197	276	2821229	40.512	ng	99

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

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