Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
Data File : BM038526.D
Acq On : 25 Jan 2023 10:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 23:12:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 01:21:49 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/26/2023
Supervised By :Jagrut Upadhyay 01/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	67675	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	247214	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	168776	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	414630	20.000	ng		0.00
76) Chrysene-d12	21.515	240	475086	20.000	ng		0.00
86) Perylene-d12	23.927	264	535335	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	339417	82.911	ng		0.00
7) Phenol-d6	7.128	99	435791	83.435	ng		0.00
23) Nitrobenzene-d5	9.139	82	469820	82.528	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	230157	94.698	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	1142768	83.405	ng		0.00
79) Terphenyl-d14	19.956	244	1941121	79.654	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	77435	40.328	ng		99
3) Pyridine	3.787	79	216421	42.915	ng		99
4) n-Nitrosodimethylamine	3.704	42	99801	41.689	ng		100
6) Aniline	7.298	93	272498	42.031	ng		99
8) 2-Chlorophenol	7.528	128	178456	42.673	ng		99
9) Benzaldehyde	7.110	77	123303m	39.799	ng		
10) Phenol	7.157	94	215915	41.368	ng		95
11) bis(2-Chloroethyl)ether	7.392	93	173238	42.068	ng		99
12) 1,3-Dichlorobenzene	7.851	146	198816	41.818	ng		98
13) 1,4-Dichlorobenzene	8.004	146	202488	42.151	ng		98
14) 1,2-Dichlorobenzene	8.322	146	198820	42.729	ng		97
15) Benzyl Alcohol	8.216	79	170869	43.754	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.498	45	179393	41.483	ng		99
17) 2-Methylphenol	8.410	107	156303	42.312	ng		97
18) Hexachloroethane	9.045	117	76613	42.899	ng		97
19) n-Nitroso-di-n-propyla...	8.781	70	155802	43.699	ng		99
20) 3+4-Methylphenols	8.745	107	211461	42.711	ng		99
22) Acetophenone	8.798	105	278547	40.901	ng	#	99
24) Nitrobenzene	9.181	77	236740	41.100	ng		99
25) Isophorone	9.704	82	393133	41.846	ng		99
26) 2-Nitrophenol	9.892	139	94468	41.317	ng		99
27) 2,4-Dimethylphenol	9.951	122	153940	40.455	ng		97
28) bis(2-Chloroethoxy)met...	10.186	93	230741	41.984	ng		99
29) 2,4-Dichlorophenol	10.428	162	189323	42.410	ng		97
30) 1,2,4-Trichlorobenzene	10.639	180	216606	42.428	ng		97
31) Naphthalene	10.828	128	548416	40.835	ng		100
32) Benzoic acid	10.092	122	110220	38.273	ng		96
33) 4-Chloroaniline	10.945	127	234857	41.897	ng		99
34) Hexachlorobutadiene	11.098	225	144593	43.058	ng		97
35) Caprolactam	11.745	113	46945	43.375	ng		96
36) 4-Chloro-3-methylphenol	12.063	107	177352	43.688	ng		96
37) 2-Methylnaphthalene	12.433	142	409148	42.391	ng		97
38) 1-Methylnaphthalene	12.651	142	386756	42.488	ng		99
40) 1,2,4,5-Tetrachloroben...	12.798	216	264373	41.642	ng		99
41) Hexachlorocyclopentadiene	12.769	237	149953	42.974	ng		99
43) 2,4,6-Trichlorophenol	13.039	196	172586	42.466	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.110	196	200450	42.111	ng	97
46)	1,1'-Biphenyl	13.439	154	554469	41.021	ng	99
47)	2-Chloronaphthalene	13.480	162	433237	41.059	ng	99
48)	2-Nitroaniline	13.692	65	131658	42.488	ng	98
49)	Acenaphthylene	14.327	152	692947	41.976	ng	99
50)	Dimethylphthalate	14.063	163	552286	42.510	ng	100
51)	2,6-Dinitrotoluene	14.186	165	116528	42.619	ng	96
52)	Acenaphthene	14.663	154	421899	41.905	ng	98
53)	3-Nitroaniline	14.516	138	118726	43.697	ng	99
54)	2,4-Dinitrophenol	14.727	184	80879	40.337	ng	96
55)	Dibenzofuran	14.998	168	722901	42.947	ng	99
56)	4-Nitrophenol	14.821	139	96341	43.057	ng	96
57)	2,4-Dinitrotoluene	14.974	165	163938	44.232	ng	97
58)	Fluorene	15.645	166	610310	44.713	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.221	232	175706	45.159	ng	99
60)	Diethylphthalate	15.415	149	563177	44.264	ng	100
61)	4-Chlorophenyl-phenyle...	15.639	204	314702	43.915	ng	99
62)	4-Nitroaniline	15.680	138	130238	42.004	ng	98
63)	Azobenzene	15.927	77	589472	43.729	ng	100
65)	4,6-Dinitro-2-methylph...	15.733	198	116749	43.379	ng	97
66)	n-Nitrosodiphenylamine	15.857	169	516266	41.476	ng	98
67)	4-Bromophenyl-phenylether	16.527	248	197104	42.856	ng	96
68)	Hexachlorobenzene	16.645	284	210362	42.387	ng	100
69)	Atrazine	16.804	200	180723	43.518	ng	97
70)	Pentachlorophenol	16.992	266	157879	44.679	ng	95
71)	Phenanthrene	17.386	178	976180	42.159	ng	100
72)	Anthracene	17.474	178	999120	42.405	ng	100
73)	Carbazole	17.751	167	889528	42.871	ng	100
74)	Di-n-butylphthalate	18.298	149	1019469	44.722	ng	100
75)	Fluoranthene	19.392	202	1233358	44.320	ng	99
77)	Benzidine	19.580	184	469054	43.326	ng	99
78)	Pyrene	19.756	202	1318495	39.857	ng	100
80)	Butylbenzylphthalate	20.645	149	479552	41.922	ng	98
81)	Benzo(a)anthracene	21.497	228	1373708	40.807	ng	99
82)	3,3'-Dichlorobenzidine	21.433	252	462821	42.801	ng	100
83)	Chrysene	21.556	228	1355064	41.161	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.409	149	753477	45.450	ng	100
85)	Di-n-octyl phthalate	22.339	149	1291798	43.822	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.444	276	1656301	41.812	ng	99
88)	Benzo(b)fluoranthene	23.191	252	1385310	42.898	ng	99
89)	Benzo(k)fluoranthene	23.238	252	1406130	42.080	ng	99
90)	Benzo(a)pyrene	23.821	252	1358175	42.421	ng	99
91)	Dibenzo(a,h)anthracene	26.456	278	1382235	41.920	ng	99
92)	Benzo(g,h,i)perylene	27.221	276	1388702	41.116	ng	99

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

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