Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038649.D
Acq On : 01 Feb 2023 19:03
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 02 02:40:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 02:35:13 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	67069	20.000	ng		0.00
21) Naphthalene-d8	10.751	136	218460	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	157537	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	324731	20.000	ng		0.00
76) Chrysene-d12	21.497	240	262177	20.000	ng		0.00
86) Perylene-d12	23.891	264	339133	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	407348	100.404	ng		0.00
7) Phenol-d6	7.110	99	472538	91.287	ng		0.00
23) Nitrobenzene-d5	9.116	82	484161	96.241	ng		0.00
42) 2,4,6-Tribromophenol	16.068	330	272569	120.150	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	1513055	118.309	ng		0.00
79) Terphenyl-d14	19.933	244	1994931	148.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	82875	43.551	ng		99
3) Pyridine	3.763	79	215278m	43.074	ng		
4) n-Nitrosodimethylamine	3.681	42	98532	41.530	ng		99
6) Aniline	7.275	93	293062	45.611	ng		98
8) 2-Chlorophenol	7.504	128	224766	54.232	ng		97
9) Benzaldehyde	7.081	77	93838	30.562	ng		98
10) Phenol	7.140	94	236294	45.682	ng		97
11) bis(2-Chloroethyl)ether	7.369	93	188728	46.244	ng		99
12) 1,3-Dichlorobenzene	7.822	146	285592	60.612	ng		98
13) 1,4-Dichlorobenzene	7.975	146	288539	60.607	ng		98
14) 1,2-Dichlorobenzene	8.292	146	278220	60.333	ng		98
15) Benzyl Alcohol	8.192	79	179134	46.284	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	176772	41.246	ng		98
17) 2-Methylphenol	8.392	107	183821	50.211	ng		99
18) Hexachloroethane	9.016	117	97385	55.023	ng		95
19) n-Nitroso-di-n-propyla...	8.757	70	147839	44.470	ng		100
20) 3+4-Methylphenols	8.722	107	251747	51.308	ng		97
22) Acetophenone	8.775	105	315513	52.427	ng	#	99
24) Nitrobenzene	9.163	77	240363	47.221	ng		96
25) Isophorone	9.686	82	420825	50.689	ng		100
26) 2-Nitrophenol	9.869	139	142373	70.465	ng		97
27) 2,4-Dimethylphenol	9.928	122	194808	57.934	ng		98
28) bis(2-Chloroethoxy)met...	10.163	93	255158	52.538	ng		99
29) 2,4-Dichlorophenol	10.398	162	281181	71.277	ng		96
30) 1,2,4-Trichlorobenzene	10.610	180	294541	65.288	ng		98
31) Naphthalene	10.798	128	694816	58.545	ng		98
32) Benzoic acid	10.098	122	165154	68.923	ng		97
33) 4-Chloroaniline	10.922	127	309909	62.563	ng		97
34) Hexachlorobutadiene	11.069	225	144732	48.772	ng		99
35) Caprolactam	11.739	113	59660	62.379	ng		97
36) 4-Chloro-3-methylphenol	12.045	107	211230	58.883	ng		98
37) 2-Methylnaphthalene	12.404	142	562056	65.898	ng		99
38) 1-Methylnaphthalene	12.627	142	533245	66.292	ng		98
40) 1,2,4,5-Tetrachloroben...	12.775	216	251278	42.403	ng		99
41) Hexachlorocyclopentadiene	12.739	237	166574	51.143	ng		98
43) 2,4,6-Trichlorophenol	13.016	196	206709	54.490	ng		98

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44)	2,4,5-Trichlorophenol	13.086	196	237944	53.553	ng		97
46)	1,1'-Biphenyl	13.416	154	773593	61.316	ng		99
47)	2-Chloronaphthalene	13.457	162	610317	61.968	ng		98
48)	2-Nitroaniline	13.674	65	135896	46.984	ng		99
49)	Acenaphthylene	14.304	152	971151	63.025	ng		99
50)	Dimethylphthalate	14.045	163	798816	65.872	ng		100
51)	2,6-Dinitrotoluene	14.169	165	171158	67.066	ng		99
52)	Acenaphthene	14.645	154	579450	61.659	ng		99
53)	3-Nitroaniline	14.504	138	164301	64.785	ng		97
54)	2,4-Dinitrophenol	14.710	184	108767	61.617	ng		95
55)	Dibenzofuran	14.974	168	970147	61.747	ng		99
56)	4-Nitrophenol	14.804	139	132131	63.265	ng		97
57)	2,4-Dinitrotoluene	14.957	165	234537	67.795	ng	#	97
58)	Fluorene	15.621	166	770004	60.437	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.204	232	165979	45.702	ng		100
60)	Diethylphthalate	15.398	149	763227	64.267	ng		99
61)	4-Chlorophenyl-phenyle...	15.616	204	325166	48.612	ng		100
62)	4-Nitroaniline	15.663	138	172582m	66.231	ng		
63)	Azobenzene	15.910	77	573778	45.602	ng		98
65)	4,6-Dinitro-2-methylph...	15.716	198	130933	62.117	ng		99
66)	n-Nitrosodiphenylamine	15.833	169	658941	67.593	ng		99
67)	4-Bromophenyl-phenylether	16.510	248	196851	54.651	ng		97
68)	Hexachlorobenzene	16.621	284	236556	60.861	ng		98
69)	Atrazine	16.786	200	194236	59.721	ng		99
70)	Pentachlorophenol	16.968	266	178088	64.350	ng		99
71)	Phenanthrene	17.362	178	1191491	65.704	ng		99
72)	Anthracene	17.457	178	1223620	66.311	ng		99
73)	Carbazole	17.727	167	1151116	70.837	ng		100
74)	Di-n-butylphthalate	18.280	149	1340005	75.057	ng		99
75)	Fluoranthene	19.374	202	1249244	57.318	ng		99
77)	Benzidine	19.562	184	491242	82.224	ng		98
78)	Pyrene	19.739	202	1309857	71.751	ng		99
80)	Butylbenzylphthalate	20.627	149	627983	99.479	ng		97
81)	Benzo(a)anthracene	21.480	228	1182282	63.641	ng		100
82)	3,3'-Dichlorobenzidine	21.415	252	412814	69.179	ng		99
83)	Chrysene	21.533	228	1128072	62.092	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.392	149	910033	99.472	ng		99
85)	Di-n-octyl phthalate	22.315	149	1577543	96.975	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.397	276	1702414	67.839	ng		99
88)	Benzo(b)fluoranthene	23.162	252	1292156	63.162	ng		100
89)	Benzo(k)fluoranthene	23.215	252	1328034	62.736	ng		99
90)	Benzo(a)pyrene	23.791	252	1291918	63.696	ng		99
91)	Dibenzo(a,h)anthracene	26.415	278	1452428	69.532	ng		99
92)	Benzo(g,h,i)perylene	27.174	276	1451657	67.845	ng		99

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

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