Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012023\
Data File : BM038501.D
Acq On : 20 Jan 2023 15:55
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 21 00:08:23 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 00:02:48 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	82381	20.000	ng		0.00
21) Naphthalene-d8	10.780	136	284245	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	180666	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	407088	20.000	ng		0.00
76) Chrysene-d12	21.521	240	419627	20.000	ng		0.00
86) Perylene-d12	23.932	264	466793	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	581348	116.658	ng		0.00
7) Phenol-d6	7.139	99	762200	119.878	ng		0.00
23) Nitrobenzene-d5	9.145	82	793714	121.258	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	333447	128.168	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	1836183	125.195	ng		0.00
79) Terphenyl-d14	19.962	244	2590614	120.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	126121	54.104	ng		99
3) Pyridine	3.793	79	335972m	57.005	ng		
4) n-Nitrosodimethylamine	3.704	42	162086	56.532	ng		96
6) Aniline	7.304	93	469540	59.495	ng		99
8) 2-Chlorophenol	7.534	128	307386	60.382	ng		98
9) Benzaldehyde	7.110	77	183874m	47.658	ng		
10) Phenol	7.163	94	376298	59.227	ng		97
11) bis(2-Chloroethyl)ether	7.398	93	295086	58.865	ng		99
12) 1,3-Dichlorobenzene	7.857	146	342510	59.181	ng		99
13) 1,4-Dichlorobenzene	8.004	146	350469	59.932	ng		99
14) 1,2-Dichlorobenzene	8.328	146	342978	60.552	ng		98
15) Benzyl Alcohol	8.222	79	287375	60.451	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.510	45	301967	57.081	ng		97
17) 2-Methylphenol	8.422	107	273890	60.909	ng		96
18) Hexachloroethane	9.051	117	131428	60.455	ng		99
19) n-Nitroso-di-n-propyla...	8.786	70	258869	63.395	ng		99
20) 3+4-Methylphenols	8.751	107	370040	61.399	ng		96
22) Acetophenone	8.804	105	474922	60.651	ng	#	99
24) Nitrobenzene	9.192	77	388284	58.627	ng		97
25) Isophorone	9.716	82	659300	61.034	ng		99
26) 2-Nitrophenol	9.898	139	167465	63.702	ng		94
27) 2,4-Dimethylphenol	9.957	122	270498	61.825	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	385538	61.011	ng		99
29) 2,4-Dichlorophenol	10.433	162	321345	62.605	ng		96
30) 1,2,4-Trichlorobenzene	10.645	180	358530	61.079	ng		98
31) Naphthalene	10.833	128	950092	61.527	ng		99
32) Benzoic acid	10.116	122	211262	67.760	ng		97
33) 4-Chloroaniline	10.951	127	401960	62.365	ng		98
34) Hexachlorobutadiene	11.104	225	235135	60.898	ng		96
35) Caprolactam	11.757	113	82319	66.151	ng		95
36) 4-Chloro-3-methylphenol	12.069	107	290611	62.262	ng		99
37) 2-Methylnaphthalene	12.439	142	694045	62.541	ng		99
38) 1-Methylnaphthalene	12.657	142	653159	62.406	ng		97
40) 1,2,4,5-Tetrachloroben...	12.804	216	416897	61.344	ng		99
41) Hexachlorocyclopentadiene	12.774	237	248423	66.509	ng		97
43) 2,4,6-Trichlorophenol	13.045	196	274353	63.063	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.115	196	317700	62.350	ng	98
46) 1,1'-Biphenyl	13.445	154	911605	63.004	ng	100
47) 2-Chloronaphthalene	13.486	162	706045	62.510	ng	100
48) 2-Nitroaniline	13.698	65	214663	64.716	ng	98
49) Acenaphthylene	14.333	152	1112651	62.964	ng	99
50) Dimethylphthalate	14.068	163	873504	62.809	ng	100
51) 2,6-Dinitrotoluene	14.192	165	188981	64.570	ng	99
52) Acenaphthene	14.668	154	674551	62.590	ng	99
53) 3-Nitroaniline	14.527	138	190600	65.533	ng	97
54) 2,4-Dinitrophenol	14.733	184	132126	65.268	ng	98
55) Dibenzofuran	15.004	168	1109620	61.583	ng	99
56) 4-Nitrophenol	14.827	139	153119	63.928	ng	98
57) 2,4-Dinitrotoluene	14.980	165	257600	64.929	ng	99
58) Fluorene	15.651	166	915950	62.688	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	257608	61.851	ng	99
60) Diethylphthalate	15.421	149	853741	62.686	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	466403	60.800	ng	97
62) 4-Nitroaniline	15.686	138	203100	67.965	ng	96
63) Azobenzene	15.933	77	887281	61.490	ng	99
65) 4,6-Dinitro-2-methylph...	15.739	198	176707	66.873	ng	98
66) n-Nitrosodiphenylamine	15.862	169	767558	62.806	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	283836	62.858	ng	99
68) Hexachlorobenzene	16.651	284	302624	62.107	ng	98
69) Atrazine	16.809	200	252803	62.003	ng	99
70) Pentachlorophenol	16.998	266	229582	66.233	ng	98
71) Phenanthrene	17.392	178	1402299	61.684	ng	100
72) Anthracene	17.480	178	1442667	62.365	ng	99
73) Carbazole	17.756	167	1285368	63.096	ng	99
74) Di-n-butylphthalate	18.303	149	1457110	65.105	ng	100
75) Fluoranthene	19.397	202	1702169	62.299	ng	100
77) Benzidine	19.586	184	593420	62.410	ng	99
78) Pyrene	19.762	202	1807500	61.861	ng	99
80) Butylbenzylphthalate	20.650	149	660842	65.405	ng	100
81) Benzo(a)anthracene	21.503	228	1822940	61.308	ng	99
82) 3,3'-Dichlorobenzidine	21.438	252	595686	62.369	ng	99
83) Chrysene	21.556	228	1756538	60.407	ng	99
84) Bis(2-ethylhexyl)phtha...	21.415	149	966584	66.011	ng	99
85) Di-n-octyl phthalate	22.344	149	1657000	63.640	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	2118454	61.331	ng	100
88) Benzo(b)fluoranthene	23.197	252	1774455	63.016	ng	99
89) Benzo(k)fluoranthene	23.244	252	1838818	63.109	ng	99
90) Benzo(a)pyrene	23.827	252	1763233	63.158	ng	100
91) Dibenzo(a,h)anthracene	26.473	278	1775736	61.761	ng	99
92) Benzo(g,h,i)perylene	27.238	276	1815925	61.659	ng	99

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

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