Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038647.D
Acq On : 01 Feb 2023 17:48
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 02:39:42 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 :
SSTDICCC040

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	66930	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	228863	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	173088	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	365980	20.000	ng	0.00
76) Chrysene-d12	21.497	240	309364	20.000	ng	0.00
86) Perylene-d12	23.891	264	397352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	280473	69.275	ng	0.00
7) Phenol-d6	7.110	99	330543	63.989	ng	0.00
23) Nitrobenzene-d5	9.116	82	337733	64.082	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	205903	82.608	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1113056	79.213	ng	0.00
79) Terphenyl-d14	19.933	244	1440342	90.766	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	59103	31.123	ng	100
3) Pyridine	3.769	79	153986m	30.874	ng	
4) n-Nitrosodimethylamine	3.681	42	68912	29.106	ng	100
6) Aniline	7.269	93	206351	32.183	ng	100
8) 2-Chlorophenol	7.504	128	156647	37.875	ng	100
9) Benzaldehyde	7.081	77	66503	21.704	ng	100
10) Phenol	7.134	94	166603	32.276	ng	100
11) bis(2-Chloroethyl)ether	7.369	93	133633	32.812	ng	100
12) 1,3-Dichlorobenzene	7.822	146	196646	41.822	ng	100
13) 1,4-Dichlorobenzene	7.975	146	197526	41.576	ng	100
14) 1,2-Dichlorobenzene	8.292	146	189493	41.178	ng	100
15) Benzyl Alcohol	8.192	79	123457	31.965	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.469	45	128253	29.987	ng	100
17) 2-Methylphenol	8.392	107	128668	35.219	ng	100
18) Hexachloroethane	9.016	117	66282	37.527	ng	100
19) n-Nitroso-di-n-propyla...	8.757	70	108971	32.847	ng	100
20) 3+4-Methylphenols	8.722	107	174925	35.725	ng	100
22) Acetophenone	8.775	105	222422	35.278	ng	100
24) Nitrobenzene	9.157	77	171357	32.134	ng	100
25) Isophorone	9.681	82	305358	35.109	ng	100
26) 2-Nitrophenol	9.869	139	97274	45.956	ng	100
27) 2,4-Dimethylphenol	9.928	122	139844	39.698	ng	100
28) bis(2-Chloroethoxy)met...	10.163	93	182811	35.930	ng	100
29) 2,4-Dichlorophenol	10.398	162	196356	47.512	ng	100
30) 1,2,4-Trichlorobenzene	10.610	180	204980	43.370	ng	100
31) Naphthalene	10.798	128	484909	39.001	ng	100
32) Benzoic acid	10.075	122	112066	44.642	ng	100
33) 4-Chloroaniline	10.922	127	223143	42.999	ng	100
34) Hexachlorobutadiene	11.069	225	100824	32.431	ng	100
35) Caprolactam	11.727	113	43269	43.184	ng	100
36) 4-Chloro-3-methylphenol	12.039	107	152547	40.591	ng	100
37) 2-Methylnaphthalene	12.404	142	405021	45.328	ng	100
38) 1-Methylnaphthalene	12.627	142	378855	44.957	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	180390	27.706	ng	100
41) Hexachlorocyclopentadiene	12.739	237	112084	31.321	ng	100
43) 2,4,6-Trichlorophenol	13.016	196	149250	35.809	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	173794	35.601	ng	100
46) 1,1'-Biphenyl	13.416	154	562251	40.561	ng	100
47) 2-Chloronaphthalene	13.457	162	444653	41.091	ng	100
48) 2-Nitroaniline	13.674	65	98985	31.148	ng	100
49) Acenaphthylene	14.304	152	711107	42.003	ng	100
50) Dimethylphthalate	14.039	163	587946	44.127	ng	100
51) 2,6-Dinitrotoluene	14.169	165	123099	43.901	ng	100
52) Acenaphthene	14.639	154	423725	41.038	ng	100
53) 3-Nitroaniline	14.498	138	123737	44.406	ng	100
54) 2,4-Dinitrophenol	14.704	184	80156	41.329	ng	100
55) Dibenzofuran	14.974	168	719648	41.688	ng	100
56) 4-Nitrophenol	14.804	139	98581	42.960	ng	100
57) 2,4-Dinitrotoluene	14.951	165	171454	45.107	ng	100
58) Fluorene	15.621	166	585299	41.812	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.204	232	122991	30.823	ng	100
60) Diethylphthalate	15.392	149	571145	43.772	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	243950	33.194	ng	100
62) 4-Nitroaniline	15.663	138	126811	44.294	ng	100
63) Azobenzene	15.910	77	437928	31.678	ng	100
65) 4,6-Dinitro-2-methylph...	15.715	198	96994	40.829	ng	100
66) n-Nitrosodiphenylamine	15.833	169	497949	45.322	ng	100
67) 4-Bromophenyl-phenylether	16.510	248	148433	36.564	ng	100
68) Hexachlorobenzene	16.621	284	180991	41.317	ng	100
69) Atrazine	16.786	200	148534	40.522	ng	100
70) Pentachlorophenol	16.968	266	130436	41.820	ng	100
71) Phenanthrene	17.362	178	906545	44.356	ng	100
72) Anthracene	17.451	178	932150	44.822	ng	100
73) Carbazole	17.727	167	879216	48.007	ng	100
74) Di-n-butylphthalate	18.280	149	1024861	50.935	ng	100
75) Fluoranthene	19.374	202	960353	39.097	ng	100
77) Benzidine	19.562	184	379308	53.805	ng	100
78) Pyrene	19.739	202	1007623	46.777	ng	100
80) Butylbenzylphthalate	20.627	149	482222	64.737	ng	100
81) Benzo(a)anthracene	21.480	228	905773	41.320	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	318986	45.302	ng	100
83) Chrysene	21.533	228	868070	40.493	ng	100
84) Bis(2-ethylhexyl)phtha...	21.392	149	702300	65.057	ng	100
85) Di-n-octyl phthalate	22.315	149	1235099	64.343	ng	100
87) Indeno(1,2,3-cd)pyrene	26.403	276	1274494	43.346	ng	100
88) Benzo(b)fluoranthene	23.162	252	972614	40.577	ng	100
89) Benzo(k)fluoranthene	23.215	252	1014040	40.884	ng	100
90) Benzo(a)pyrene	23.791	252	972660	40.929	ng	100
91) Dibenzo(a,h)anthracene	26.415	278	1081277	44.180	ng	100
92) Benzo(g,h,i)perylene	27.168	276	1078013	43.001	ng	100

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

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