Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012023\
Data File : BM038500.D
Acq On : 20 Jan 2023 15:18
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jan 21 00:07:39 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	75523	20.000	ng		0.00
21) Naphthalene-d8	10.780	136	263798	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	170236	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	384042	20.000	ng		0.00
76) Chrysene-d12	21.521	240	402310	20.000	ng		0.00
86) Perylene-d12	23.933	264	448332	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	458221	100.300	ng		0.00
7) Phenol-d6	7.134	99	592578	101.663	ng		0.00
23) Nitrobenzene-d5	9.145	82	617575	101.662	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	260369	106.210	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	1446047	104.635	ng		0.00
79) Terphenyl-d14	19.962	244	2123390	102.895	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	101109	47.313	ng		99
3) Pyridine	3.793	79	284264	52.612	ng		96
4) n-Nitrosodimethylamine	3.704	42	131789	50.139	ng		95
6) Aniline	7.298	93	369649	51.091	ng		99
8) 2-Chlorophenol	7.534	128	237427	50.874	ng		99
9) Benzaldehyde	7.110	77	156526	44.253	ng		98
10) Phenol	7.163	94	292886	50.285	ng		100
11) bis(2-Chloroethyl)ether	7.398	93	231455	50.365	ng		98
12) 1,3-Dichlorobenzene	7.857	146	267984	50.509	ng		99
13) 1,4-Dichlorobenzene	8.004	146	271466	50.638	ng		98
14) 1,2-Dichlorobenzene	8.322	146	265186	51.069	ng		98
15) Benzyl Alcohol	8.222	79	223924	51.381	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	241816	49.861	ng		99
17) 2-Methylphenol	8.416	107	212976	51.663	ng		98
18) Hexachloroethane	9.051	117	100920	50.637	ng		99
19) n-Nitroso-di-n-propyla...	8.786	70	207666	55.474	ng		99
20) 3+4-Methylphenols	8.751	107	288310	52.182	ng		97
22) Acetophenone	8.804	105	368066	50.648	ng	#	99
24) Nitrobenzene	9.186	77	308028	50.114	ng		100
25) Isophorone	9.716	82	519855	51.856	ng		99
26) 2-Nitrophenol	9.898	139	129859	53.226	ng		99
27) 2,4-Dimethylphenol	9.957	122	211272	52.032	ng		100
28) bis(2-Chloroethoxy)met...	10.192	93	302392	51.563	ng		99
29) 2,4-Dichlorophenol	10.433	162	249133	52.299	ng		97
30) 1,2,4-Trichlorobenzene	10.645	180	279078	51.228	ng		100
31) Naphthalene	10.833	128	735600	51.329	ng		99
32) Benzoic acid	10.104	122	155488	53.737	ng		100
33) 4-Chloroaniline	10.951	127	315920	52.815	ng		97
34) Hexachlorobutadiene	11.104	225	183710	51.267	ng		98
35) Caprolactam	11.751	113	63940	55.364	ng		97
36) 4-Chloro-3-methylphenol	12.069	107	228747	52.806	ng		99
37) 2-Methylnaphthalene	12.439	142	543178	52.740	ng		99
38) 1-Methylnaphthalene	12.657	142	510863	52.594	ng		99
40) 1,2,4,5-Tetrachloroben...	12.804	216	326504	50.987	ng		99
41) Hexachlorocyclopentadiene	12.774	237	190989	54.265	ng		99
43) 2,4,6-Trichlorophenol	13.045	196	216687	52.860	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	254209	52.946	ng	99
46) 1,1'-Biphenyl	13.445	154	711610	52.195	ng	99
47) 2-Chloronaphthalene	13.486	162	556757	52.313	ng	99
48) 2-Nitroaniline	13.698	65	168799	54.007	ng	99
49) Acenaphthylene	14.333	152	880229	52.863	ng	99
50) Dimethylphthalate	14.069	163	688724	52.557	ng	100
51) 2,6-Dinitrotoluene	14.192	165	149001	54.029	ng	99
52) Acenaphthene	14.668	154	529034	52.095	ng	99
53) 3-Nitroaniline	14.521	138	148908	54.335	ng	99
54) 2,4-Dinitrophenol	14.733	184	102244	53.601	ng	97
55) Dibenzofuran	15.004	168	890161	52.430	ng	99
56) 4-Nitrophenol	14.827	139	119354	52.884	ng	97
57) 2,4-Dinitrotoluene	14.980	165	205830	55.058	ng	99
58) Fluorene	15.651	166	728807	52.936	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	204352	52.071	ng	98
60) Diethylphthalate	15.421	149	676053	52.680	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	374541	51.817	ng	98
62) 4-Nitroaniline	15.686	138	154832	54.987	ng	99
63) Azobenzene	15.933	77	712003	52.366	ng	99
65) 4,6-Dinitro-2-methylph...	15.739	198	139221	55.848	ng	96
66) n-Nitrosodiphenylamine	15.863	169	612345	53.113	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	225115	52.845	ng	99
68) Hexachlorobenzene	16.651	284	240345	52.286	ng	98
69) Atrazine	16.810	200	205972	53.549	ng	97
70) Pentachlorophenol	16.998	266	181836	55.607	ng	99
71) Phenanthrene	17.392	178	1125288	52.470	ng	100
72) Anthracene	17.480	178	1156776	53.007	ng	100
73) Carbazole	17.756	167	1028411	53.512	ng	99
74) Di-n-butylphthalate	18.304	149	1153342	54.625	ng	100
75) Fluoranthene	19.398	202	1369295	53.123	ng	99
77) Benzidine	19.586	184	432525	47.447	ng	98
78) Pyrene	19.762	202	1462580	52.211	ng	100
80) Butylbenzylphthalate	20.650	149	534887	55.218	ng	98
81) Benzo(a)anthracene	21.503	228	1483418	52.037	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	482344	52.676	ng	100
83) Chrysene	21.556	228	1444857	51.827	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	782335	55.728	ng	100
85) Di-n-octyl phthalate	22.344	149	1353417	54.218	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	1754444	52.884	ng	99
88) Benzo(b)fluoranthene	23.197	252	1454033	53.763	ng	99
89) Benzo(k)fluoranthene	23.244	252	1489550	53.227	ng	100
90) Benzo(a)pyrene	23.827	252	1434687	53.506	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	1456116	52.730	ng	99
92) Benzo(g,h,i)perylene	27.238	276	1468901	51.930	ng	99

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

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