Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052323\
Data File : BF133456.D
Acq On : 23 May 2023 14:10
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: May 24 02:35:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:24:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	148327	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	514089	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	235024	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	425319	20.000	ng		0.00
76) Chrysene-d12	14.010	240	302327	20.000	ng		0.00
86) Perylene-d12	15.468	264	318878	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	815531	89.876	ng		0.00
7) Phenol-d6	6.469	99	981473	89.976	ng		0.00
23) Nitrobenzene-d5	7.416	82	827661	111.305	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	218939	100.845	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1422595	85.161	ng		0.00
79) Terphenyl-d14	12.957	244	1393672	88.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	190776	46.445	ng		100
3) Pyridine	3.310	79	523733	48.428	ng		97
4) n-Nitrosodimethylamine	3.275	42	295453	47.858	ng		98
6) Aniline	6.510	93	679987	45.613	ng		97
8) 2-Chlorophenol	6.628	128	408008	45.330	ng		97
9) Benzaldehyde	6.393	77	260205	42.247	ng		99
10) Phenol	6.487	94	511691	45.873	ng		100
11) bis(2-Chloroethyl)ether	6.587	93	412541	45.313	ng		99
12) 1,3-Dichlorobenzene	6.787	146	441491	44.939	ng		98
13) 1,4-Dichlorobenzene	6.863	146	437740	44.500	ng		97
14) 1,2-Dichlorobenzene	7.016	146	401991	44.251	ng		99
15) Benzyl Alcohol	6.987	79	383995	46.520	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	786202	45.636	ng		99
17) 2-Methylphenol	7.093	107	372162	45.345	ng		98
18) Hexachloroethane	7.357	117	159570	47.604	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	304453	44.598	ng		99
20) 3+4-Methylphenols	7.251	107	438864	44.177	ng	#	87
22) Acetophenone	7.257	105	535916	44.423	ng	#	91
24) Nitrobenzene	7.434	77	439780	53.502	ng		98
25) Isophorone	7.669	82	813030	46.466	ng		99
26) 2-Nitrophenol	7.745	139	164810	48.371	ng		93
27) 2,4-Dimethylphenol	7.781	122	349849	46.781	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	474243	45.878	ng		99
29) 2,4-Dichlorophenol	7.981	162	331509	48.887	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	340325	46.151	ng		98
31) Naphthalene	8.151	128	1143161	45.270	ng		100
32) Benzoic acid	7.898	122	190224	50.174	ng		94
33) 4-Chloroaniline	8.198	127	492149	46.518	ng		97
34) Hexachlorobutadiene	8.269	225	209773	46.807	ng		99
35) Caprolactam	8.581	113	106451	51.686	ng		97
36) 4-Chloro-3-methylphenol	8.675	107	354147	48.263	ng		99
37) 2-Methylnaphthalene	8.839	142	769944	45.482	ng		99
38) 1-Methylnaphthalene	8.939	142	711785	45.123	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	326941	45.771	ng		99
41) Hexachlorocyclopentadiene	8.992	237	180574	53.005	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	223025	50.845	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	250943	49.464	ng		97
46) 1,1'-Biphenyl	9.310	154	889130	45.106	ng		98
47) 2-Chloronaphthalene	9.334	162	642722	45.452	ng		99
48) 2-Nitroaniline	9.422	65	204157	48.978	ng		99
49) Acenaphthylene	9.745	152	1101780	45.866	ng		99
50) Dimethylphthalate	9.610	163	738713	46.039	ng		99
51) 2,6-Dinitrotoluene	9.669	165	150372	49.449	ng		89
52) Acenaphthene	9.922	154	656102	45.487	ng		98
53) 3-Nitroaniline	9.839	138	190413	50.226	ng		94
54) 2,4-Dinitrophenol	9.934	184	47664	50.262	ng	#	87
55) Dibenzofuran	10.092	168	978685	45.462	ng		98
56) 4-Nitrophenol	9.981	139	145485	49.656	ng		96
57) 2,4-Dinitrotoluene	10.069	165	178451	48.738	ng		92
58) Fluorene	10.433	166	681297	43.847	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	190527	50.614	ng		99
60) Diethylphthalate	10.310	149	754283	46.368	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	320427	43.600	ng		97
62) 4-Nitroaniline	10.451	138	181076	49.106	ng		99
63) Azobenzene	10.586	77	774315	46.022	ng		97
65) 4,6-Dinitro-2-methylph...	10.475	198	68176	49.535	ng		97
66) n-Nitrosodiphenylamine	10.545	169	641709	45.759	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	207650	46.554	ng		94
68) Hexachlorobenzene	10.975	284	216044	46.158	ng		94
69) Atrazine	11.069	200	170369	47.468	ng		100
70) Pentachlorophenol	11.169	266	145748	54.865	ng		98
71) Phenanthrene	11.392	178	1005506	45.658	ng		99
72) Anthracene	11.445	178	1030462	45.866	ng		99
73) Carbazole	11.598	167	985224	46.290	ng		99
74) Di-n-butylphthalate	11.933	149	1098113	48.087	ng		100
75) Fluoranthene	12.580	202	1120514	47.255	ng		99
77) Benzidine	12.704	184	350398	48.640	ng		99
78) Pyrene	12.810	202	1147088	46.547	ng		99
80) Butylbenzylphthalate	13.439	149	448430	48.370	ng		99
81) Benzo(a)anthracene	14.004	228	955202	46.542	ng		98
82) 3,3'-Dichlorobenzidine	13.969	252	289694	49.740	ng	#	97
83) Chrysene	14.039	228	977683	46.917	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	544208	48.929	ng		100
85) Di-n-octyl phthalate	14.616	149	1053203	52.051	ng		100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1020895	47.268	ng		99
88) Benzo(b)fluoranthene	15.045	252	971161	49.003	ng		99
89) Benzo(k)fluoranthene	15.080	252	905844	47.034	ng		99
90) Benzo(a)pyrene	15.410	252	899583	48.177	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	824215	46.856	ng		98
92) Benzo(g,h,i)perylene	17.374	276	844480	47.524	ng		98

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

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