Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132143.D
Acq On : 19 Jan 2023 12:59
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jan 20 00:10:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.089	152	177575	20.000	ng		0.00
21) Naphthalene-d8	8.378	136	620425	20.000	ng		0.00
39) Acenaphthene-d10	10.142	164	328550	20.000	ng		0.00
64) Phenanthrene-d10	11.642	188	639965	20.000	ng		0.00
76) Chrysene-d12	14.301	240	367797	20.000	ng	#	0.00
86) Perylene-d12	15.901	264	323952	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.701	112	427429	42.048	ng		0.00
7) Phenol-d6	6.695	99	538343	42.071	ng		0.00
23) Nitrobenzene-d5	7.648	82	475248	40.692	ng		0.00
42) 2,4,6-Tribromophenol	10.936	330	146122	41.637	ng		0.00
45) 2-Fluorobiphenyl	9.454	172	924221	44.024	ng		0.00
79) Terphenyl-d14	13.230	244	937153	42.682	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.019	88	103973	20.189	ng		99
3) Pyridine	3.778	79	283925	20.537	ng		99
4) n-Nitrosodimethylamine	3.725	42	130228	20.029	ng		100
6) Aniline	6.748	93	362992	20.399	ng		99
8) 2-Chlorophenol	6.872	128	228290	21.365	ng		95
9) Benzaldehyde	6.642	77	181394	22.035	ng		97
10) Phenol	6.707	94	280535	21.059	ng		99
11) bis(2-Chloroethyl)ether	6.813	93	235199	20.856	ng		98
12) 1,3-Dichlorobenzene	7.031	146	249749	20.910	ng		99
13) 1,4-Dichlorobenzene	7.107	146	251976	21.142	ng		98
14) 1,2-Dichlorobenzene	7.260	146	235491	21.369	ng		98
15) Benzyl Alcohol	7.219	79	199836	20.142	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.360	45	343951	20.985	ng		99
17) 2-Methylphenol	7.319	107	195986	20.937	ng		98
18) Hexachloroethane	7.607	117	87861	20.537	ng		96
19) n-Nitroso-di-n-propyla...	7.489	70	163582	20.870	ng		99
20) 3+4-Methylphenols	7.472	107	253207	21.467	ng		93
22) Acetophenone	7.495	105	312922	20.984	ng	#	98
24) Nitrobenzene	7.672	77	254536	20.584	ng		94
25) Isophorone	7.907	82	457753	20.032	ng		97
26) 2-Nitrophenol	7.989	139	79652	18.478	ng		92
27) 2,4-Dimethylphenol	8.007	122	200911	20.319	ng		98
28) bis(2-Chloroethoxy)met...	8.113	93	286250	20.878	ng		99
29) 2,4-Dichlorophenol	8.225	162	193959	20.662	ng		96
30) 1,2,4-Trichlorobenzene	8.313	180	220172	20.649	ng		99
31) Naphthalene	8.401	128	666768	20.926	ng		99
32) Benzoic acid	8.084	122	93861	16.170	ng		93
33) 4-Chloroaniline	8.442	127	284387	20.856	ng		95
34) Hexachlorobutadiene	8.513	225	145075	20.254	ng		100
35) Caprolactam	8.795	113	53142	20.000	ng		97
36) 4-Chloro-3-methylphenol	8.907	107	194651	20.605	ng		100
37) 2-Methylnaphthalene	9.089	142	458759	20.912	ng		98
38) 1-Methylnaphthalene	9.195	142	428243	20.980	ng		100
40) 1,2,4,5-Tetrachloroben...	9.254	216	236280	20.670	ng		99
41) Hexachlorocyclopentadiene	9.242	237	112433	18.024	ng		96
43) 2,4,6-Trichlorophenol	9.360	196	146261	20.616	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	170434	20.541	ng		97
46) 1,1'-Biphenyl	9.554	154	544416	21.003	ng		99
47) 2-Chloronaphthalene	9.583	162	417187	20.821	ng		99
48) 2-Nitroaniline	9.672	65	116311	20.161	ng		97
49) Acenaphthylene	10.001	152	667961	20.838	ng		99
50) Dimethylphthalate	9.848	163	499198	20.979	ng		100
51) 2,6-Dinitrotoluene	9.913	165	93819	20.342	ng		89
52) Acenaphthene	10.177	154	398701	20.679	ng		99
53) 3-Nitroaniline	10.083	138	104344	21.160	ng		99
54) 2,4-Dinitrophenol	10.183	184	31754	17.046	ng	#	1
55) Dibenzofuran	10.348	168	618748	20.766	ng		99
56) 4-Nitrophenol	10.225	139	72500	20.202	ng		95
57) 2,4-Dinitrotoluene	10.319	165	111577	20.154	ng	#	85
58) Fluorene	10.695	166	465243	21.073	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.460	232	131354	20.811	ng		99
60) Diethylphthalate	10.554	149	487809	20.905	ng		100
61) 4-Chlorophenyl-phenyle...	10.683	204	246432	20.845	ng		98
62) 4-Nitroaniline	10.701	138	96209	20.957	ng		92
63) Azobenzene	10.842	77	492240	21.019	ng		97
65) 4,6-Dinitro-2-methylph...	10.725	198	45820	16.514	ng		96
66) n-Nitrosodiphenylamine	10.795	169	419303	20.458	ng		99
67) 4-Bromophenyl-phenylether	11.177	248	158088	20.266	ng		95
68) Hexachlorobenzene	11.242	284	155701	20.084	ng		95
69) Atrazine	11.319	200	130188	20.588	ng		99
70) Pentachlorophenol	11.436	266	99527	19.978	ng		96
71) Phenanthrene	11.666	178	693158	20.639	ng		99
72) Anthracene	11.719	178	706624	20.798	ng		99
73) Carbazole	11.866	167	609049	20.986	ng		98
74) Di-n-butylphthalate	12.195	149	685370	21.214	ng		99
75) Fluoranthene	12.866	202	718725	20.834	ng		98
77) Benzidine	12.983	184	226247	20.488	ng		99
78) Pyrene	13.095	202	721378	21.282	ng		99
80) Butylbenzylphthalate	13.707	149	196673	20.022	ng		94
81) Benzo(a)anthracene	14.289	228	531948	20.245	ng		98
82) 3,3'-Dichlorobenzidine	14.248	252	148391	20.279	ng		95
83) Chrysene	14.330	228	496952	19.870	ng		100
84) Bis(2-ethylhexyl)phtha...	14.265	149	254101	19.590	ng		99
85) Di-n-octyl phthalate	14.907	149	300157	15.074	ng		99
87) Indeno(1,2,3-cd)pyrene	17.559	276	473348	20.135	ng		99
88) Benzo(b)fluoranthene	15.418	252	382655	19.400	ng		99
89) Benzo(k)fluoranthene	15.448	252	422247	20.990	ng		99
90) Benzo(a)pyrene	15.830	252	374919	19.760	ng		99
91) Dibenzo(a,h)anthracene	17.583	278	393739	20.537	ng		100
92) Benzo(g,h,i)perylene	18.065	276	410458	20.346	ng		98

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

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