Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132142.D
Acq On : 19 Jan 2023 12:26
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 20 00:10:19 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	7.090	152	181294	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	635776	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	343275	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	671726	20.000	ng	0.00
76) Chrysene-d12	14.301	240	434613	20.000	ng	0.00
86) Perylene-d12	15.901	264	339398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	225836	21.761	ng	0.00
7) Phenol-d6	6.690	99	279343	21.382	ng	-0.01
23) Nitrobenzene-d5	7.648	82	232920	19.462	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	70890	19.333	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	524790	23.925	ng	0.00
79) Terphenyl-d14	13.230	244	564308	21.750	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.019	88	53539	10.183	ng	98
3) Pyridine	3.778	79	139529	9.886	ng	98
4) n-Nitrosodimethylamine	3.719	42	63909	9.628	ng	99
6) Aniline	6.748	93	189455	10.428	ng	97
8) 2-Chlorophenol	6.872	128	118344	10.848	ng	92
9) Benzaldehyde	6.643	77	98463	11.715	ng	97
10) Phenol	6.701	94	148332	10.906	ng	95
11) bis(2-Chloroethyl)ether	6.813	93	121564	10.559	ng	99
12) 1,3-Dichlorobenzene	7.031	146	132193	10.841	ng	96
13) 1,4-Dichlorobenzene	7.107	146	131526	10.809	ng	99
14) 1,2-Dichlorobenzene	7.260	146	126058	11.204	ng	96
15) Benzyl Alcohol	7.219	79	99939	9.866	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.354	45	177617	10.614	ng	98
17) 2-Methylphenol	7.319	107	99555	10.417	ng	98
18) Hexachloroethane	7.607	117	44062	10.088	ng	97
19) n-Nitroso-di-n-propyla...	7.484	70	87979	10.994	ng	97
20) 3+4-Methylphenols	7.472	107	130094	10.803	ng	95
22) Acetophenone	7.490	105	167799	10.981	ng	96
24) Nitrobenzene	7.666	77	124607	9.834	ng	96
25) Isophorone	7.901	82	235392	10.052	ng	99
26) 2-Nitrophenol	7.984	139	33479	7.579	ng	97
27) 2,4-Dimethylphenol	8.007	122	104848	10.348	ng	98
28) bis(2-Chloroethoxy)met...	8.113	93	149878	10.668	ng	97
29) 2,4-Dichlorophenol	8.219	162	94733	9.848	ng	98
30) 1,2,4-Trichlorobenzene	8.313	180	114575	10.486	ng	100
31) Naphthalene	8.401	128	355602	10.891	ng	98
32) Benzoic acid	8.066	122	37655	6.331	ng	92
33) 4-Chloroaniline	8.437	127	150762	10.789	ng	96
34) Hexachlorobutadiene	8.513	225	74489	10.148	ng	99
35) Caprolactam	8.778	113	25712	9.443	ng	87
36) 4-Chloro-3-methylphenol	8.901	107	97071	10.027	ng	98
37) 2-Methylnaphthalene	9.089	142	248900	11.072	ng	96
38) 1-Methylnaphthalene	9.189	142	228574	10.927	ng	99
40) 1,2,4,5-Tetrachloroben...	9.254	216	126425	10.585	ng	99
41) Hexachlorocyclopentadiene	9.242	237	52593	8.069	ng	99
43) 2,4,6-Trichlorophenol	9.360	196	70987	9.577	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	83630	9.647	ng		99
46) 1,1'-Biphenyl	9.554	154	293487	10.837	ng		100
47) 2-Chloronaphthalene	9.584	162	222092	10.609	ng		99
48) 2-Nitroaniline	9.672	65	49471	8.207	ng		99
49) Acenaphthylene	10.001	152	356712	10.651	ng		98
50) Dimethylphthalate	9.848	163	260923	10.495	ng		99
51) 2,6-Dinitrotoluene	9.913	165	43419	9.010	ng		99
52) Acenaphthene	10.178	154	217757	10.810	ng		96
53) 3-Nitroaniline	10.083	138	49662	9.639	ng		95
54) 2,4-Dinitrophenol	10.183	184	13395	6.882	ng	#	1
55) Dibenzofuran	10.348	168	338245	10.865	ng		97
56) 4-Nitrophenol	10.219	139	32842	8.759	ng		94
57) 2,4-Dinitrotoluene	10.313	165	48250	8.342	ng		97
58) Fluorene	10.695	166	258139	11.191	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.460	232	62761	9.517	ng		99
60) Diethylphthalate	10.548	149	256262	10.511	ng		99
61) 4-Chlorophenyl-phenyle...	10.683	204	134364	10.878	ng		92
62) 4-Nitroaniline	10.695	138	47271	9.855	ng		90
63) Azobenzene	10.842	77	260037	10.627	ng		99
65) 4,6-Dinitro-2-methylph...	10.719	198	19587	6.725	ng		96
66) n-Nitrosodiphenylamine	10.795	169	228808	10.636	ng		98
67) 4-Bromophenyl-phenylether	11.178	248	84869	10.365	ng		90
68) Hexachlorobenzene	11.242	284	83441	10.254	ng		99
69) Atrazine	11.319	200	67709	10.201	ng		98
70) Pentachlorophenol	11.430	266	45654	8.731	ng		97
71) Phenanthrene	11.666	178	380704	10.800	ng		99
72) Anthracene	11.713	178	386327	10.833	ng		98
73) Carbazole	11.866	167	334989	10.997	ng		98
74) Di-n-butylphthalate	12.195	149	353393	10.421	ng		99
75) Fluoranthene	12.860	202	399560	11.035	ng		98
77) Benzidine	12.977	184	137915	10.569	ng		99
78) Pyrene	13.095	202	410756	10.255	ng		99
80) Butylbenzylphthalate	13.707	149	93001	8.012	ng		94
81) Benzo(a)anthracene	14.289	228	308379	9.932	ng		99
82) 3,3'-Dichlorobenzidine	14.248	252	75066	8.681	ng	#	97
83) Chrysene	14.324	228	296684	10.039	ng		100
84) Bis(2-ethylhexyl)phtha...	14.266	149	118849	7.754	ng		100
85) Di-n-octyl phthalate	14.901	149	129384	5.499	ng		96
87) Indeno(1,2,3-cd)pyrene	17.554	276	203109	8.246	ng		97
88) Benzo(b)fluoranthene	15.413	252	209435	10.135	ng		99
89) Benzo(k)fluoranthene	15.448	252	220873	10.480	ng		100
90) Benzo(a)pyrene	15.824	252	186928	9.403	ng	#	96
91) Dibenzo(a,h)anthracene	17.577	278	171280	8.527	ng		99
92) Benzo(g,h,i)perylene	18.059	276	176091	8.331	ng		99

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

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