Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135079.D
Acq On : 01 Sep 2023 16:39
Operator : CG\JU
Sample : 04203-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

Quant Time: Sep 04 01:08:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93597	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	370284	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	173738	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	273190	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	192639	20.000	ng	0.00
86) Perylene-d12	15.421	264	221200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	596159	98.383	ng	0.00
7) Phenol-d6	6.416	99	726422	96.179	ng	0.00
23) Nitrobenzene-d5	7.334	82	453131	68.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	171028	92.799	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	780624	73.153	ng	0.00
79) Terphenyl-d14	12.898	244	660557	55.958	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	113195	44.100	ng	99
3) Pyridine	3.299	79	284241	41.076	ng	97
4) n-Nitrosodimethylamine	3.269	42	162562	48.038	ng	99
6) Aniline	6.440	93	340759	36.394	ng	97
8) 2-Chlorophenol	6.557	128	309951	50.349	ng	99
9) Benzaldehyde	6.328	77	115928	30.123	ng	96
10) Phenol	6.428	94	377687	47.633	ng	98
11) bis(2-Chloroethyl)ether	6.516	93	292342	48.961	ng	96
12) 1,3-Dichlorobenzene	6.710	146	327835	51.689	ng	98
13) 1,4-Dichlorobenzene	6.792	146	330719	52.099	ng	98
14) 1,2-Dichlorobenzene	6.940	146	315619	53.281	ng	98
15) Benzyl Alcohol	6.916	79	261787	50.591	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	470332	47.038	ng	99
17) 2-Methylphenol	7.034	107	243508	45.393	ng	96
18) Hexachloroethane	7.281	117	120256	51.141	ng	92
19) n-Nitroso-di-n-propyla...	7.187	70	206222	45.966	ng	95
20) 3+4-Methylphenols	7.187	107	288880	45.646	ng	94
22) Acetophenone	7.181	105	408716	49.624	ng	99
24) Nitrobenzene	7.357	77	319400	47.242	ng	100
25) Isophorone	7.592	82	577958	46.250	ng	99
26) 2-Nitrophenol	7.669	139	165410	49.519	ng	95
27) 2,4-Dimethylphenol	7.710	122	242460	45.085	ng	96
28) bis(2-Chloroethoxy)met...	7.804	93	349540	46.369	ng	99
29) 2,4-Dichlorophenol	7.910	162	244972	47.929	ng	98
30) 1,2,4-Trichlorobenzene	7.992	180	275626	49.901	ng	99
31) Naphthalene	8.075	128	858393	47.456	ng	99
32) Benzoic acid	7.839	122	180817	42.031	ng	96
33) 4-Chloroaniline	8.128	127	234561	29.648	ng	99
34) Hexachlorobutadiene	8.187	225	159469	50.874	ng	99
35) Caprolactam	8.498	113	72529	43.339	ng	92
36) 4-Chloro-3-methylphenol	8.616	107	257627	46.407	ng	100
37) 2-Methylnaphthalene	8.769	142	545259	45.179	ng	99
38) 1-Methylnaphthalene	8.863	142	514854	45.592	ng	100
40) 1,2,4,5-Tetrachloroben...	8.934	216	254872	52.404	ng	99
41) Hexachlorocyclopentadiene	8.916	237	162336	78.421	ng	98
43) 2,4,6-Trichlorophenol	9.045	196	163987	50.206	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	170199	45.008	ng		93
46) 1,1'-Biphenyl	9.233	154	672953	50.697	ng		99
47) 2-Chloronaphthalene	9.257	162	509331	51.025	ng		99
48) 2-Nitroaniline	9.357	65	161769	47.342	ng		93
49) Acenaphthylene	9.675	152	762986	50.565	ng		99
50) Dimethylphthalate	9.539	163	585323	48.114	ng		99
51) 2,6-Dinitrotoluene	9.604	165	128240	48.041	ng	#	83
52) Acenaphthene	9.845	154	460908	47.932	ng		99
53) 3-Nitroaniline	9.769	138	100690	32.381	ng		99
54) 2,4-Dinitrophenol	9.880	184	82127	64.374	ng		89
55) Dibenzofuran	10.016	168	667942	48.153	ng		100
56) 4-Nitrophenol	9.939	139	173666	79.452	ng		94
57) 2,4-Dinitrotoluene	10.010	165	153998	46.292	ng		95
58) Fluorene	10.363	166	500763	47.353	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	131920	45.304	ng		98
60) Diethylphthalate	10.239	149	536916	46.885	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	248453	47.498	ng		93
62) 4-Nitroaniline	10.386	138	115260	37.883	ng		98
63) Azobenzene	10.516	77	510551	44.277	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	64655	39.104	ng		97
66) n-Nitrosodiphenylamine	10.475	169	447110	52.636	ng		98
67) 4-Bromophenyl-phenylether	10.845	248	147509	50.907	ng		95
68) Hexachlorobenzene	10.910	284	158078	52.760	ng		99
70) Pentachlorophenol	11.110	266	132325	73.001	ng		98
71) Phenanthrene	11.327	178	683209	48.475	ng		99
72) Anthracene	11.380	178	678222	47.099	ng		99
73) Carbazole	11.539	167	571699	46.030	ng		100
74) Di-n-butylphthalate	11.874	149	709226	47.370	ng		99
75) Fluoranthene	12.522	202	646586	45.375	ng		98
77) Benzidine	12.651	184	299290	86.186	ng		98
78) Pyrene	12.751	202	664657	36.339	ng		99
80) Butylbenzylphthalate	13.380	149	272935	41.307	ng		96
81) Benzo(a)anthracene	13.945	228	618151	47.041	ng		98
82) 3,3'-Dichlorobenzidine	13.910	252	223137	56.274	ng		98
83) Chrysene	13.986	228	609134	47.168	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	349879	51.166	ng		99
85) Di-n-octyl phthalate	14.563	149	694822	66.571	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	568670	38.167	ng		99
88) Benzo(b)fluoranthene	14.998	252	649931	47.221	ng		99
89) Benzo(k)fluoranthene	15.027	252	636837	47.894	ng		100
90) Benzo(a)pyrene	15.363	252	572276	44.759	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	477453	39.566	ng		99
92) Benzo(g,h,i)perylene	17.351	276	419874	33.454	ng		99

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

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