Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133868.D
Acq On : 21 Jun 2023 13:36
Operator : CG\JU
Sample : PB153548BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153548BS

Quant Time: Jun 21 14:18:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	121887	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	478478	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	239825	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	482972	20.000	ng	0.00
76) Chrysene-d12	14.051	240	247004	20.000	ng	0.00
86) Perylene-d12	15.563	264	245648	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	833672	119.073	ng	0.02
7) Phenol-d6	6.504	99	1007110	110.508	ng	0.01
23) Nitrobenzene-d5	7.428	82	676579	77.017	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	332901	109.660	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1239494	73.469	ng	0.00
79) Terphenyl-d14	12.992	244	1366625	85.612	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	120905	39.279	ng	97
3) Pyridine	3.516	79	265171	29.557	ng	99
4) n-Nitrosodimethylamine	3.469	42	193780	39.075	ng	99
6) Aniline	6.528	93	286327	24.945	ng	94
8) 2-Chlorophenol	6.651	128	334125	45.284	ng	93
9) Benzaldehyde	6.410	77	69494	11.494	ng	95
10) Phenol	6.516	94	398534	41.879	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	306222	43.345	ng	95
12) 1,3-Dichlorobenzene	6.804	146	351052	44.531	ng	98
13) 1,4-Dichlorobenzene	6.881	146	361833	45.412	ng	95
14) 1,2-Dichlorobenzene	7.028	146	345056	47.926	ng	99
15) Benzyl Alcohol	7.004	79	282409	39.676	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	533307	44.532	ng	97
17) 2-Methylphenol	7.122	107	271917	41.579	ng	99
18) Hexachloroethane	7.369	117	135049	49.509	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	235279	40.577	ng	97
20) 3+4-Methylphenols	7.275	107	324620	38.157	ng	89
22) Acetophenone	7.269	105	459267	41.850	ng	95
24) Nitrobenzene	7.445	77	360106	40.710	ng	99
25) Isophorone	7.681	82	639170	39.632	ng	99
26) 2-Nitrophenol	7.757	139	183517	46.228	ng	99
27) 2,4-Dimethylphenol	7.798	122	290374	42.437	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	377872	40.539	ng	99
29) 2,4-Dichlorophenol	8.004	162	280820	41.875	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	292368	41.786	ng	98
31) Naphthalene	8.163	128	928080	39.812	ng	100
32) Benzoic acid	7.928	122	202054	46.821	ng	92
33) 4-Chloroaniline	8.216	127	90425	9.072	ng	98
34) Hexachlorobutadiene	8.275	225	179852	39.261	ng	99
35) Caprolactam	8.592	113	95443m	42.296	ng	
36) 4-Chloro-3-methylphenol	8.704	107	310819	40.210	ng	100
37) 2-Methylnaphthalene	8.857	142	621890	38.395	ng	100
38) 1-Methylnaphthalene	8.957	142	584238	39.199	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	291665	40.004	ng	99
41) Hexachlorocyclopentadiene	9.004	237	360596	110.985	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	204341	41.941	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	221355	39.053	ng		99
46) 1,1'-Biphenyl	9.322	154	799653	41.342	ng		99
47) 2-Chloronaphthalene	9.345	162	583160	42.031	ng		99
48) 2-Nitroaniline	9.445	65	207219	40.837	ng		97
49) Acenaphthylene	9.763	152	966073	40.005	ng		100
50) Dimethylphthalate	9.628	163	705736	39.424	ng		100
51) 2,6-Dinitrotoluene	9.686	165	157854	42.722	ng	#	78
52) Acenaphthene	9.933	154	572244	40.484	ng		99
53) 3-Nitroaniline	9.857	138	102753	22.852	ng		93
54) 2,4-Dinitrophenol	9.969	184	178769	97.651	ng		89
55) Dibenzofuran	10.110	168	879270	40.766	ng		100
56) 4-Nitrophenol	10.033	139	256511	84.528	ng		94
57) 2,4-Dinitrotoluene	10.098	165	213278	45.386	ng		95
58) Fluorene	10.451	166	677588	41.080	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	188111	44.328	ng		100
60) Diethylphthalate	10.328	149	724811	39.783	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	322693	39.630	ng		97
62) 4-Nitroaniline	10.481	138	173903	39.445	ng		98
63) Azobenzene	10.604	77	700414	40.610	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	120607	52.259	ng		78
66) n-Nitrosodiphenylamine	10.569	169	608878	37.532	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	209004	38.772	ng	#	89
68) Hexachlorobenzene	11.004	284	232507	41.016	ng	#	92
69) Atrazine	11.098	200	191989	40.787	ng		98
70) Pentachlorophenol	11.198	266	238555	70.279	ng		99
71) Phenanthrene	11.422	178	988865	40.356	ng		99
72) Anthracene	11.475	178	1008898	39.488	ng		100
73) Carbazole	11.628	167	950210	39.931	ng		99
74) Di-n-butylphthalate	11.957	149	1144922	37.531	ng		99
75) Fluoranthene	12.616	202	1029019	39.546	ng		99
77) Benzidine	12.739	184	207105	24.987	ng		100
78) Pyrene	12.845	202	1023761	44.493	ng		100
80) Butylbenzylphthalate	13.469	149	384287	39.561	ng		99
81) Benzo(a)anthracene	14.045	228	695082	40.683	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	178158	31.365	ng	#	99
83) Chrysene	14.080	228	657124	40.664	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	482598	40.349	ng		99
85) Di-n-octyl phthalate	14.651	149	670685	39.460	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	766154	45.335	ng		99
88) Benzo(b)fluoranthene	15.116	252	618802	41.469	ng		99
89) Benzo(k)fluoranthene	15.145	252	614968	42.307	ng		98
90) Benzo(a)pyrene	15.498	252	574512	41.485	ng		98
91) Dibenzo(a,h)anthracene	17.139	278	626269	44.761	ng		99
92) Benzo(g,h,i)perylene	17.592	276	628346	45.296	ng		98

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

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