Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131947.D
Acq On : 06 Jan 2023 18:30
Operator : CG\JU
Sample : 01027-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023MS

Quant Time: Jan 07 00:23:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	63660	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	222022	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	115069	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	193696	20.000	ng		0.00
76) Chrysene-d12	14.004	240	141830	20.000	ng		0.00
86) Perylene-d12	15.474	264	108760	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	544080	141.637	ng		0.04
7) Phenol-d6	6.445	99	659705	130.716	ng		0.00
23) Nitrobenzene-d5	7.375	82	531561	95.589	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	153868	123.072	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	885804	105.442	ng		0.00
79) Terphenyl-d14	12.939	244	798740	95.261	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	78199	43.899	ng	#	81
3) Pyridine	3.387	79	198767	39.691	ng		96
4) n-Nitrosodimethylamine	3.322	42	114768	48.740	ng		98
6) Aniline	6.463	93	117560	19.207	ng	#	1
8) 2-Chlorophenol	6.586	128	199118	49.200	ng		92
9) Benzaldehyde	6.351	77	98030	30.272	ng		94
10) Phenol	6.457	94	242647	40.373	ng		91
11) bis(2-Chloroethyl)ether	6.539	93	217145	50.524	ng		99
12) 1,3-Dichlorobenzene	6.739	146	219535	47.468	ng		98
13) 1,4-Dichlorobenzene	6.816	146	223018	47.848	ng		96
14) 1,2-Dichlorobenzene	6.969	146	211885	48.380	ng		99
15) Benzyl Alcohol	6.951	79	219784	49.661	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	259320	47.281	ng		88
17) 2-Methylphenol	7.069	107	171680	46.402	ng		93
18) Hexachloroethane	7.310	117	84249	44.763	ng		93
19) n-Nitroso-di-n-propyla...	7.222	70	172156	48.300	ng		97
20) 3+4-Methylphenols	7.222	107	219057	45.377	ng		97
22) Acetophenone	7.216	105	329288	50.589	ng	#	95
24) Nitrobenzene	7.392	77	269535	48.364	ng		98
25) Isophorone	7.633	82	465662	51.277	ng		99
26) 2-Nitrophenol	7.710	139	88277	40.741	ng		98
27) 2,4-Dimethylphenol	7.751	122	174743	56.536	ng		96
28) bis(2-Chloroethoxy)met...	7.845	93	262872	53.956	ng		99
29) 2,4-Dichlorophenol	7.957	162	174048	46.740	ng		97
30) 1,2,4-Trichlorobenzene	8.033	180	211109	47.816	ng		99
31) Naphthalene	8.116	128	570207	46.896	ng		99
32) Benzoic acid	7.863	122	38346	16.974	ng		92
33) 4-Chloroaniline	8.163	127	48927	10.487	ng		98
34) Hexachlorobutadiene	8.222	225	139220	46.091	ng		100
35) Caprolactam	8.551	113	37610	34.113	ng		93
36) 4-Chloro-3-methylphenol	8.663	107	186409	44.293	ng		94
37) 2-Methylnaphthalene	8.804	142	383172	46.954	ng		99
38) 1-Methylnaphthalene	8.904	142	351481	44.342	ng		100
40) 1,2,4,5-Tetrachloroben...	8.975	216	217658	53.871	ng		99
41) Hexachlorocyclopentadiene	8.951	237	67572	40.527	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	121356	46.897	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	117653	42.060	ng	#	92
46) 1,1'-Biphenyl	9.275	154	475722	54.000	ng		99
47) 2-Chloronaphthalene	9.298	162	375390	51.505	ng		97
48) 2-Nitroaniline	9.404	65	139169	52.094	ng		95
49) Acenaphthylene	9.716	152	537090	49.489	ng		99
50) Dimethylphthalate	9.580	163	450169	51.712	ng		99
51) 2,6-Dinitrotoluene	9.645	165	88215	46.811	ng		95
52) Acenaphthene	9.886	154	317567	48.485	ng		99
53) 3-Nitroaniline	9.816	138	68329	35.585	ng		95
54) 2,4-Dinitrophenol	9.933	184	5314	4.900	ng		90
55) Dibenzofuran	10.063	168	485688	48.129	ng		99
56) 4-Nitrophenol	9.986	139	63268	47.035	ng		85
57) 2,4-Dinitrotoluene	10.051	165	108644	42.156	ng	#	90
58) Fluorene	10.404	166	376042	45.646	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	81649	35.569	ng	#	86
60) Diethylphthalate	10.280	149	410649	49.012	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	212286	49.568	ng		97
62) 4-Nitroaniline	10.433	138	81719	40.836	ng		93
63) Azobenzene	10.557	77	421005	45.276	ng		96
65) 4,6-Dinitro-2-methylph...	10.463	198	6385	4.842	ng		85
66) n-Nitrosodiphenylamine	10.522	169	316155	53.508	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	118019	52.571	ng		92
68) Hexachlorobenzene	10.951	284	124003	50.283	ng		97
69) Atrazine	11.051	200	109316	56.198	ng		98
70) Pentachlorophenol	11.151	266	53546	43.880	ng		99
71) Phenanthrene	11.374	178	487607	45.778	ng		100
72) Anthracene	11.421	178	493510	47.362	ng		100
73) Carbazole	11.586	167	414375	45.047	ng		99
74) Di-n-butylphthalate	11.910	149	532676	47.908	ng		100
75) Fluoranthene	12.563	202	519713	41.889	ng		99
77) Benzidine	12.692	184	67933	29.146	ng		99
78) Pyrene	12.798	202	535313	45.031	ng		99
80) Butylbenzylphthalate	13.415	149	209902	47.605	ng		95
81) Benzo(a)anthracene	13.992	228	502978	48.981	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	83970	28.291	ng		97
83) Chrysene	14.027	228	459190	47.587	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	287739	53.596	ng	#	97
85) Di-n-octyl phthalate	14.592	149	488086	67.535	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	310639	44.958	ng		100
88) Benzo(b)fluoranthene	15.045	252	384401	48.202	ng		98
89) Benzo(k)fluoranthene	15.074	252	392767	50.974	ng		99
90) Benzo(a)pyrene	15.415	252	315230	51.057	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	262872	46.446	ng		98
92) Benzo(g,h,i)perylene	17.398	276	241979	37.443	ng		97

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

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