Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140007.D
Acq On : 24 Oct 2024 18:14
Operator : RC/JU
Sample : P4460-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-303-BOTMSD

Quant Time: Oct 25 01:08:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	114465	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	337350	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	176753	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	285247	20.000	ng		0.00
76) Chrysene-d12	14.051	240	164779	20.000	ng		0.00
86) Perylene-d12	15.533	264	222740	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	824926	112.822	ng		0.01
7) Phenol-d6	6.516	99	1325410	139.960	ng		0.00
23) Nitrobenzene-d5	7.451	82	617039	101.374	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	247008	149.404	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1051039	98.276	ng		0.00
79) Terphenyl-d14	12.998	244	828244	81.904	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	133047	39.027	ng		95
3) Pyridine	3.493	79	343491	40.649	ng		96
4) n-Nitrosodimethylamine	3.440	42	201377	44.356	ng		96
6) Aniline	6.551	93	426575	48.333	ng		98
8) 2-Chlorophenol	6.675	128	427918	57.248	ng		97
9) Benzaldehyde	6.440	77	92682	17.397	ng		96
10) Phenol	6.528	94	547354m	56.064	ng		
11) bis(2-Chloroethyl)ether	6.628	93	412436	54.655	ng		99
12) 1,3-Dichlorobenzene	6.834	146	401889	46.837	ng		99
13) 1,4-Dichlorobenzene	6.910	146	392844	45.826	ng		98
14) 1,2-Dichlorobenzene	7.057	146	382366	47.792	ng		99
15) Benzyl Alcohol	7.028	79	339932	48.935	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	493410	38.347	ng		96
17) 2-Methylphenol	7.134	107	260974	40.945	ng		98
18) Hexachloroethane	7.404	117	145603	47.630	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	225802	39.314	ng		97
20) 3+4-Methylphenols	7.287	107	317036	38.888	ng		94
22) Acetophenone	7.298	105	436315	52.805	ng		99
24) Nitrobenzene	7.475	77	340321	50.996	ng		99
25) Isophorone	7.710	82	602896	52.187	ng		99
26) 2-Nitrophenol	7.787	139	155768	61.872	ng		98
27) 2,4-Dimethylphenol	7.822	122	239425	57.033	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	345019	49.293	ng		100
29) 2,4-Dichlorophenol	8.028	162	250024	52.289	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	263493	49.801	ng		100
31) Naphthalene	8.198	128	920714	52.919	ng		100
32) Benzoic acid	7.928	122	169951	46.416	ng	#	70
33) 4-Chloroaniline	8.240	127	107977	18.200	ng		98
34) Hexachlorobutadiene	8.310	225	175596	52.821	ng		99
35) Caprolactam	8.598	113	103349	67.976	ng	#	53
36) 4-Chloro-3-methylphenol	8.716	107	266317	50.300	ng		100
37) 2-Methylnaphthalene	8.887	142	545080	51.155	ng		99
38) 1-Methylnaphthalene	8.987	142	501190	47.941	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	247588	51.921	ng		99
41) Hexachlorocyclopentadiene	9.040	237	300488	181.102	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	178341	52.825	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	177917	51.079	ng	#	94
46) 1,1'-Biphenyl	9.351	154	627889	51.029	ng		98
47) 2-Chloronaphthalene	9.375	162	494241	49.872	ng		98
48) 2-Nitroaniline	9.469	65	174378	57.532	ng		96
49) Acenaphthylene	9.792	152	781851	54.571	ng		99
50) Dimethylphthalate	9.651	163	567442	51.541	ng		100
51) 2,6-Dinitrotoluene	9.710	165	125567	52.675	ng		98
52) Acenaphthene	9.963	154	546490	58.964	ng		100
53) 3-Nitroaniline	9.875	138	89755	36.512	ng		99
54) 2,4-Dinitrophenol	9.981	184	136407	133.016	ng	#	1
55) Dibenzofuran	10.134	168	691704	52.016	ng		99
56) 4-Nitrophenol	10.028	139	201029	106.293	ng		91
57) 2,4-Dinitrotoluene	10.110	165	172391	58.808	ng		99
58) Fluorene	10.481	166	521069	51.447	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	151151	55.355	ng		98
60) Diethylphthalate	10.351	149	569509	52.685	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	266504	52.104	ng		98
62) 4-Nitroaniline	10.492	138	120028	51.697	ng		94
63) Azobenzene	10.628	77	613537	53.537	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	92659	79.637	ng		97
66) n-Nitrosodiphenylamine	10.586	169	479294	56.141	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	164323	55.919	ng		99
68) Hexachlorobenzene	11.022	284	179167	54.212	ng		99
69) Atrazine	11.110	200	156202	67.542	ng		98
70) Pentachlorophenol	11.216	266	213326	106.356	ng		99
71) Phenanthrene	11.439	178	700993	52.026	ng		100
72) Anthracene	11.492	178	714722	54.367	ng		100
73) Carbazole	11.645	167	607885	49.719	ng		100
74) Di-n-butylphthalate	11.975	149	775297	54.886	ng		100
75) Fluoranthene	12.628	202	611032	44.860	ng		98
77) Benzidine	12.745	184	156772	57.860	ng		99
78) Pyrene	12.857	202	607684	42.131	ng		99
80) Butylbenzylphthalate	13.475	149	242592	56.100	ng		98
81) Benzo(a)anthracene	14.045	228	567503	52.906	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	124225	39.720	ng		99
83) Chrysene	14.080	228	507254	51.577	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	320782	66.119	ng		100
85) Di-n-octyl phthalate	14.645	149	612589	69.420	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1006407	70.234	ng		97
88) Benzo(b)fluoranthene	15.098	252	696336	51.321	ng		99
89) Benzo(k)fluoranthene	15.127	252	539757	46.127	ng		99
90) Benzo(a)pyrene	15.468	252	612597	54.870	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	830579	69.482	ng		98
92) Benzo(g,h,i)perylene	17.486	276	729168	61.067	ng		98

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

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