Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
Data File : BF139201.D
Acq On : 28 Aug 2024 11:08
Operator : RC/JU
Sample : PB163034BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163034BS

Quant Time: Aug 28 11:55:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	103223	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	391077	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	212799	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	388796	20.000	ng	0.00
76) Chrysene-d12	14.051	240	197039	20.000	ng	0.00
86) Perylene-d12	15.521	264	190668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	604636	98.428	ng	0.02
7) Phenol-d6	6.522	99	795929	94.409	ng	0.00
23) Nitrobenzene-d5	7.457	82	771643	109.312	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	219679	120.536	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1285238	93.818	ng	0.00
79) Terphenyl-d14	12.998	244	1341750	106.252	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	111017	38.215	ng	98
3) Pyridine	3.522	79	293468	40.648	ng	98
4) n-Nitrosodimethylamine	3.493	42	188098	44.751	ng	96
6) Aniline	6.551	93	329899	41.745	ng	93
8) 2-Chlorophenol	6.675	128	321510	55.089	ng	98
9) Benzaldehyde	6.440	77	27155	5.146	ng	97
10) Phenol	6.534	94	438007	51.480	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	326168	48.654	ng	99
12) 1,3-Dichlorobenzene	6.834	146	346520	45.024	ng	99
13) 1,4-Dichlorobenzene	6.910	146	350022	45.331	ng	100
14) 1,2-Dichlorobenzene	7.063	146	334707	46.071	ng	99
15) Benzyl Alcohol	7.034	79	336138	52.897	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	475152	48.893	ng	99
17) 2-Methylphenol	7.145	107	271435	51.017	ng	99
18) Hexachloroethane	7.404	117	126362	51.725	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	263663	52.290	ng	100
20) 3+4-Methylphenols	7.298	107	341525	50.323	ng	98
22) Acetophenone	7.304	105	461426	45.920	ng	99
24) Nitrobenzene	7.475	77	389046	47.349	ng	96
25) Isophorone	7.716	82	704724	50.482	ng	99
26) 2-Nitrophenol	7.787	139	159252	59.796	ng	98
27) 2,4-Dimethylphenol	7.828	122	295751	71.479	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	390804	48.354	ng	100
29) 2,4-Dichlorophenol	8.028	162	272507	53.359	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	300442	45.619	ng	100
31) Naphthalene	8.198	128	914803	45.748	ng	100
32) Benzoic acid	7.945	122	185960	51.648	ng	99
33) 4-Chloroaniline	8.240	127	192236	27.896	ng	98
34) Hexachlorobutadiene	8.310	225	193680	45.256	ng	99
35) Caprolactam	8.610	113	85171m	54.364	ng	
36) 4-Chloro-3-methylphenol	8.722	107	303862	51.879	ng	98
37) 2-Methylnaphthalene	8.887	142	590987	47.143	ng	99
38) 1-Methylnaphthalene	8.987	142	548868	44.796	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	299032	47.376	ng	97
41) Hexachlorocyclopentadiene	9.039	237	413063	203.804	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	206657	58.555	ng	100

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44) 2,4,5-Trichlorophenol	9.204	196	212110	57.337	ng		98
46) 1,1'-Biphenyl	9.351	154	733407	47.615	ng		100
47) 2-Chloronaphthalene	9.375	162	578795	47.101	ng		98
48) 2-Nitroaniline	9.469	65	204198	55.432	ng		97
49) Acenaphthylene	9.792	152	881948	50.936	ng		100
50) Dimethylphthalate	9.651	163	682150	55.492	ng		100
51) 2,6-Dinitrotoluene	9.710	165	151995	56.712	ng		93
52) Acenaphthene	9.963	154	649355	57.088	ng		98
53) 3-Nitroaniline	9.881	138	105682	40.184	ng		97
54) 2,4-Dinitrophenol	9.986	184	165327	109.424	ng	#	49
55) Dibenzofuran	10.134	168	828293	49.896	ng		99
56) 4-Nitrophenol	10.039	139	255230	111.516	ng		98
57) 2,4-Dinitrotoluene	10.116	165	197125	57.706	ng		94
58) Fluorene	10.481	166	644396	49.203	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	184112	62.097	ng		98
60) Diethylphthalate	10.351	149	650103	56.161	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	320981	49.940	ng		99
62) 4-Nitroaniline	10.498	138	143553	52.680	ng		96
63) Azobenzene	10.628	77	716901	50.945	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	105429	63.054	ng		95
66) n-Nitrosodiphenylamine	10.586	169	561304	48.747	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	206935	50.093	ng		99
68) Hexachlorobenzene	11.022	284	217452	48.639	ng		99
69) Atrazine	11.116	200	178125	70.923	ng		98
70) Pentachlorophenol	11.216	266	270513	103.061	ng		99
71) Phenanthrene	11.439	178	958458	48.784	ng		100
72) Anthracene	11.492	178	953382	49.780	ng		100
73) Carbazole	11.645	167	820069	47.866	ng		100
74) Di-n-butylphthalate	11.975	149	906583	61.054	ng		99
75) Fluoranthene	12.622	202	936226	49.103	ng		100
77) Benzidine	12.745	184	102464	30.817	ng		99
78) Pyrene	12.851	202	917049	49.547	ng		100
80) Butylbenzylphthalate	13.469	149	246052	63.151	ng		95
81) Benzo(a)anthracene	14.039	228	643376	49.281	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	154719	50.900	ng		99
83) Chrysene	14.074	228	585297	49.699	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	290681	65.262	ng		99
85) Di-n-octyl phthalate	14.645	149	540646	59.360	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	687354	52.723	ng		99
88) Benzo(b)fluoranthene	15.092	252	600182	53.811	ng		99
89) Benzo(k)fluoranthene	15.121	252	558457	55.381	ng		100
90) Benzo(a)pyrene	15.457	252	509885	53.858	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	571859	53.517	ng		98
92) Benzo(g,h,i)perylene	17.457	276	564907	51.110	ng		99

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

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