Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141027.D
Acq On : 30 Dec 2024 12:56
Operator : RC/JU
Sample : PB165872BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165872BS

Quant Time: Dec 30 13:20:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	264760	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	1070876	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	573870	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	955460	20.000	ng		0.00
76) Chrysene-d12	13.992	240	652372	20.000	ng		0.00
86) Perylene-d12	15.451	264	637255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	2619169	149.119	ng		0.02
7) Phenol-d6	6.457	99	3335566	147.418	ng		0.00
23) Nitrobenzene-d5	7.393	82	2102264	125.597	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	1019681	182.859	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	3620235	100.509	ng		0.00
79) Terphenyl-d14	12.939	244	4142261	105.466	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	334976	42.125	ng		99
3) Pyridine	3.405	79	911509	46.905	ng		99
4) n-Nitrosodimethylamine	3.352	42	495229	50.296	ng		100
6) Aniline	6.493	93	954996	47.325	ng		99
8) 2-Chlorophenol	6.610	128	990786	53.503	ng		98
9) Benzaldehyde	6.375	77	187111	10.894	ng		98
10) Phenol	6.469	94	1227913	52.483	ng		95
11) bis(2-Chloroethyl)ether	6.563	93	946959	50.127	ng		99
12) 1,3-Dichlorobenzene	6.769	146	1011150	49.477	ng		100
13) 1,4-Dichlorobenzene	6.845	146	1018806	49.451	ng		99
14) 1,2-Dichlorobenzene	6.998	146	980957	51.068	ng		99
15) Benzyl Alcohol	6.969	79	855479	52.614	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1475540	51.648	ng		99
17) 2-Methylphenol	7.081	107	800154	52.011	ng		99
18) Hexachloroethane	7.340	117	373956	51.097	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	695164	50.150	ng		99
20) 3+4-Methylphenols	7.234	107	970787	49.864	ng	#	84
22) Acetophenone	7.240	105	1292966	49.218	ng		98
24) Nitrobenzene	7.410	77	1011199	54.066	ng		97
25) Isophorone	7.651	82	1873057	51.425	ng		100
26) 2-Nitrophenol	7.728	139	478543	60.840	ng		99
27) 2,4-Dimethylphenol	7.763	122	799451	60.057	ng		100
28) bis(2-Chloroethoxy)met...	7.863	93	1145517	49.638	ng		100
29) 2,4-Dichlorophenol	7.963	162	796105	52.732	ng		100
30) 1,2,4-Trichlorobenzene	8.051	180	824067	48.225	ng		99
31) Naphthalene	8.134	128	2772797	49.138	ng		100
32) Benzoic acid	7.881	122	624000	55.526	ng		97
33) 4-Chloroaniline	8.175	127	431767	21.150	ng		99
34) Hexachlorobutadiene	8.251	225	488993	48.541	ng		99
35) Caprolactam	8.545	113	269309m	52.472	ng		
36) 4-Chloro-3-methylphenol	8.657	107	855524	51.026	ng		98
37) 2-Methylnaphthalene	8.822	142	1802906	49.943	ng		99
38) 1-Methylnaphthalene	8.922	142	1687196	47.556	ng		100
40) 1,2,4,5-Tetrachloroben...	8.987	216	804474	50.955	ng		99
41) Hexachlorocyclopentadiene	8.975	237	977649	186.862	ng		100
43) 2,4,6-Trichlorophenol	9.098	196	592699	56.406	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	565632	52.610	ng		99
46) 1,1'-Biphenyl	9.287	154	2161510	49.191	ng		99
47) 2-Chloronaphthalene	9.310	162	1666819	48.910	ng		99
48) 2-Nitroaniline	9.404	65	532377	58.581	ng		94
49) Acenaphthylene	9.728	152	2586955	52.732	ng		100
50) Dimethylphthalate	9.586	163	1954863	51.788	ng		100
51) 2,6-Dinitrotoluene	9.645	165	438768	56.313	ng		98
52) Acenaphthene	9.898	154	1866706	56.284	ng		100
53) 3-Nitroaniline	9.810	138	279721	34.405	ng	#	94
54) 2,4-Dinitrophenol	9.922	184	426419	115.396	ng	#	1
55) Dibenzofuran	10.069	168	2353874	50.502	ng		100
56) 4-Nitrophenol	9.975	139	802883	124.344	ng		92
57) 2,4-Dinitrotoluene	10.051	165	594336	61.678	ng		97
58) Fluorene	10.410	166	1786650	49.432	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	511436	57.437	ng		98
60) Diethylphthalate	10.286	149	1917294	51.450	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	867137	49.860	ng		98
62) 4-Nitroaniline	10.428	138	473518	56.017	ng		95
63) Azobenzene	10.569	77	1966964	50.287	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	296429	72.010	ng		95
66) n-Nitrosodiphenylamine	10.528	169	1649594	54.827	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	572691	55.447	ng		96
68) Hexachlorobenzene	10.957	284	624311	54.817	ng		98
69) Atrazine	11.051	200	571831	68.031	ng		99
70) Pentachlorophenol	11.151	266	804164	113.408	ng		99
71) Phenanthrene	11.375	178	2678025	53.255	ng		99
72) Anthracene	11.428	178	2746425	55.737	ng		100
73) Carbazole	11.580	167	2456104	51.851	ng		99
74) Di-n-butylphthalate	11.916	149	2893152	53.699	ng		99
75) Fluoranthene	12.563	202	2830931	51.906	ng		99
77) Benzidine	12.680	184	746469	54.142	ng		99
78) Pyrene	12.792	202	2846136	49.884	ng		100
80) Butylbenzylphthalate	13.416	149	1117078	53.619	ng		99
81) Benzo(a)anthracene	13.980	228	2232992	49.113	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	437532	32.030	ng		100
83) Chrysene	14.016	228	2082787	50.816	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1342679	49.684	ng		100
85) Di-n-octyl phthalate	14.598	149	2191158	56.020	ng		98
87) Indeno(1,2,3-cd)pyrene	16.910	276	2332092	58.087	ng		99
88) Benzo(b)fluoranthene	15.027	252	2194932	49.386	ng		100
89) Benzo(k)fluoranthene	15.063	252	1847717	53.043	ng		99
90) Benzo(a)pyrene	15.392	252	1934902	56.089	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	1876953	57.673	ng		99
92) Benzo(g,h,i)perylene	17.351	276	1771546	52.483	ng		99

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

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