Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140920.D
Acq On : 19 Dec 2024 12:30
Operator : RC/JU
Sample : PB165719BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165719BS

Quant Time: Dec 19 13:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	74320	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	267213	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	145295	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	276523	20.000	ng		0.00
76) Chrysene-d12	14.039	240	202160	20.000	ng		0.00
86) Perylene-d12	15.539	264	153304	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	648305	143.599	ng		0.01
7) Phenol-d6	6.504	99	845559	141.404	ng		0.00
23) Nitrobenzene-d5	7.416	82	509768	95.445	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	256222	149.103	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1051380	99.487	ng		0.00
79) Terphenyl-d14	12.963	244	1309363	102.132	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	73185	37.634	ng		99
3) Pyridine	3.493	79	203648	45.220	ng		99
4) n-Nitrosodimethylamine	3.434	42	107580	47.386	ng		95
6) Aniline	6.516	93	218406	42.718	ng	#	81
8) 2-Chlorophenol	6.645	128	264245	53.673	ng		100
9) Benzaldehyde	6.410	77	54571	16.470	ng		99
10) Phenol	6.516	94	310233	50.057	ng		99
11) bis(2-Chloroethyl)ether	6.586	93	242067	52.374	ng		99
12) 1,3-Dichlorobenzene	6.786	146	274743	48.974	ng		97
13) 1,4-Dichlorobenzene	6.863	146	280340	49.230	ng		99
14) 1,2-Dichlorobenzene	7.016	146	267740	49.832	ng		98
15) Benzyl Alcohol	7.004	79	231816	54.219	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	260221	47.793	ng		90
17) 2-Methylphenol	7.122	107	179621	45.698	ng		99
18) Hexachloroethane	7.351	117	92007	43.401	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	166424	46.397	ng		98
20) 3+4-Methylphenols	7.275	107	245179	47.040	ng	#	80
22) Acetophenone	7.263	105	325833	48.745	ng		96
24) Nitrobenzene	7.433	77	251790	46.018	ng		98
25) Isophorone	7.675	82	463942	51.843	ng		100
26) 2-Nitrophenol	7.751	139	131542	52.198	ng		97
27) 2,4-Dimethylphenol	7.792	122	183392	62.314	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	284667	50.930	ng		98
29) 2,4-Dichlorophenol	8.004	162	209399	51.536	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	217332	46.660	ng		99
31) Naphthalene	8.151	128	722311	49.209	ng		100
32) Benzoic acid	7.945	122	108900	39.016	ng		99
33) 4-Chloroaniline	8.210	127	172922	35.471	ng		98
34) Hexachlorobutadiene	8.263	225	147527	47.076	ng		99
35) Caprolactam	8.592	113	64427m	53.262	ng		
36) 4-Chloro-3-methylphenol	8.704	107	226144	49.451	ng		98
37) 2-Methylnaphthalene	8.845	142	467664	48.165	ng		100
38) 1-Methylnaphthalene	8.939	142	435954	45.399	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	232102	51.973	ng		99
41) Hexachlorocyclopentadiene	8.992	237	80002	60.237	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	137903	50.430	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	145754	48.494	ng	98
46) 1,1'-Biphenyl	9.304	154	592260	51.262	ng	100
47) 2-Chloronaphthalene	9.333	162	443486	50.175	ng	99
48) 2-Nitroaniline	9.439	65	138326	51.819	ng	94
49) Acenaphthylene	9.751	152	712379	54.845	ng	100
50) Dimethylphthalate	9.610	163	534630	52.191	ng	100
51) 2,6-Dinitrotoluene	9.680	165	117709	50.265	ng	96
52) Acenaphthene	9.922	154	423950	51.096	ng	99
53) 3-Nitroaniline	9.857	138	77915	33.527	ng	99
54) 2,4-Dinitrophenol	9.974	184	100437	87.255	ng	98
55) Dibenzofuran	10.092	168	646628	50.294	ng	100
56) 4-Nitrophenol	10.045	139	105588	84.218	ng	98
57) 2,4-Dinitrotoluene	10.092	165	152314	49.434	ng	99
58) Fluorene	10.439	166	535651	50.500	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	126820	51.782	ng	96
60) Diethylphthalate	10.310	149	541421	50.970	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	268448	50.384	ng	98
62) 4-Nitroaniline	10.474	138	119896m	49.370	ng	
63) Azobenzene	10.586	77	500037	50.073	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	82289	52.516	ng	98
66) n-Nitrosodiphenylamine	10.551	169	469665	55.243	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	163446	52.835	ng	97
68) Hexachlorobenzene	10.992	284	187878	53.566	ng	97
69) Atrazine	11.074	200	156884	66.071	ng	98
70) Pentachlorophenol	11.198	266	121901	95.062	ng	100
71) Phenanthrene	11.404	178	775119	54.509	ng	100
72) Anthracene	11.457	178	781166	55.782	ng	99
73) Carbazole	11.616	167	723083	52.716	ng	100
74) Di-n-butylphthalate	11.927	149	888683	55.205	ng	100
75) Fluoranthene	12.598	202	878064	53.617	ng	100
77) Benzidine	12.715	184	193115	46.804	ng	99
78) Pyrene	12.827	202	884761	49.216	ng	100
80) Butylbenzylphthalate	13.433	149	362433	54.792	ng	97
81) Benzo(a)anthracene	14.027	228	723148	50.472	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	136085	31.481	ng	97
83) Chrysene	14.062	228	639647	49.095	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	460166	53.952	ng	100
85) Di-n-octyl phthalate	14.627	149	609980	47.271	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	544345	56.900	ng	100
88) Benzo(b)fluoranthene	15.109	252	522468	49.097	ng	99
89) Benzo(k)fluoranthene	15.139	252	464512	50.887	ng	100
90) Benzo(a)pyrene	15.480	252	457218	54.870	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	446441	56.329	ng	99
92) Benzo(g,h,i)perylene	17.515	276	420924	52.182	ng	99

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

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