Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140797.D
Acq On : 10 Dec 2024 10:57
Operator : RC/JU
Sample : PB165477BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165477BS

Quant Time: Dec 10 13:08:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	94940	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	360720	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	205633	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	404386	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	251039	20.000	ng		0.00
86) Perylene-d12	15.545	264	218288	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	812722	146.058	ng		0.01
7) Phenol-d6	6.516	99	1057055	143.695	ng		0.00
23) Nitrobenzene-d5	7.434	82	681078	96.577	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	328010	149.146	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1346228	97.543	ng		-0.01
79) Terphenyl-d14	12.980	244	1595968	98.994	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	95213	40.698	ng		98
3) Pyridine	3.499	79	235785	45.806	ng		99
4) n-Nitrosodimethylamine	3.457	42	126107	41.683	ng		90
6) Aniline	6.534	93	269011	51.955	ng	#	83
8) 2-Chlorophenol	6.657	128	297862	49.756	ng		96
9) Benzaldehyde	6.422	77	46943	12.054	ng		99
10) Phenol	6.528	94	372531	49.588	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	285832	49.720	ng		99
12) 1,3-Dichlorobenzene	6.804	146	308248	45.825	ng		97
13) 1,4-Dichlorobenzene	6.881	146	307545	45.154	ng		99
14) 1,2-Dichlorobenzene	7.034	146	293247	45.948	ng		99
15) Benzyl Alcohol	7.016	79	262528	48.123	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	331709	48.841	ng		67
17) 2-Methylphenol	7.128	107	233229	48.670	ng		96
18) Hexachloroethane	7.369	117	115528	45.415	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	211782	48.713	ng		96
20) 3+4-Methylphenols	7.287	107	312786	50.781	ng	#	73
22) Acetophenone	7.275	105	405475	46.107	ng		95
24) Nitrobenzene	7.451	77	323632	44.402	ng		97
25) Isophorone	7.687	82	577202	49.072	ng		99
26) 2-Nitrophenol	7.763	139	160513	49.695	ng		96
27) 2,4-Dimethylphenol	7.804	122	240709m	62.285	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	347931	48.555	ng		99
29) 2,4-Dichlorophenol	8.016	162	262798	51.319	ng		97
30) 1,2,4-Trichlorobenzene	8.087	180	264244	45.194	ng		98
31) Naphthalene	8.169	128	869123	46.777	ng		99
32) Benzoic acid	7.957	122	128329	39.633	ng		98
33) 4-Chloroaniline	8.222	127	126846	22.802	ng		99
34) Hexachlorobutadiene	8.281	225	173204	44.724	ng		100
35) Caprolactam	8.598	113	78939m	49.811	ng		
36) 4-Chloro-3-methylphenol	8.716	107	285503	49.795	ng		99
37) 2-Methylnaphthalene	8.857	142	579725	49.123	ng		100
38) 1-Methylnaphthalene	8.957	142	537655	46.479	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	280232	46.551	ng		98
41) Hexachlorocyclopentadiene	9.010	237	183478	130.527	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	176300	46.672	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	190342	46.429	ng	96
46) 1,1'-Biphenyl	9.322	154	735140	47.883	ng	100
47) 2-Chloronaphthalene	9.351	162	550963	47.362	ng	98
48) 2-Nitroaniline	9.457	65	178120	47.702	ng	94
49) Acenaphthylene	9.769	152	898695	51.129	ng	100
50) Dimethylphthalate	9.622	163	666735	49.231	ng	100
51) 2,6-Dinitrotoluene	9.692	165	147007	47.862	ng	97
52) Acenaphthene	9.939	154	541239	48.463	ng	99
53) 3-Nitroaniline	9.869	138	92381	30.752	ng	94
54) 2,4-Dinitrophenol	9.986	184	138043	86.117	ng	93
55) Dibenzofuran	10.110	168	812600	47.702	ng	100
56) 4-Nitrophenol	10.051	139	172419	84.159	ng	94
57) 2,4-Dinitrotoluene	10.104	165	194358	47.613	ng	95
58) Fluorene	10.457	166	656665	48.024	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	157203	49.895	ng	93
60) Diethylphthalate	10.322	149	671434	48.797	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	330424	49.241	ng	98
62) 4-Nitroaniline	10.486	138	151325	48.030	ng	94
63) Azobenzene	10.604	77	632713	48.556	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	104860	50.744	ng	91
66) n-Nitrosodiphenylamine	10.563	169	580446	48.537	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	197906	47.521	ng	96
68) Hexachlorobenzene	11.004	284	226916	47.057	ng	98
69) Atrazine	11.092	200	187000	55.585	ng	100
70) Pentachlorophenol	11.210	266	165990	78.211	ng	100
71) Phenanthrene	11.422	178	956141	49.188	ng	100
72) Anthracene	11.475	178	979900	51.534	ng	100
73) Carbazole	11.633	167	897002	49.038	ng	100
74) Di-n-butylphthalate	11.945	149	1065984	50.477	ng	99
75) Fluoranthene	12.616	202	1051979	49.845	ng	100
77) Benzidine	12.733	184	268199	36.746	ng	99
78) Pyrene	12.845	202	1074327	46.284	ng	99
80) Butylbenzylphthalate	13.451	149	408053	48.800	ng	99
81) Benzo(a)anthracene	14.033	228	824884	49.639	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	175229	35.121	ng	99
83) Chrysene	14.074	228	732606	48.213	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	500011	47.356	ng	99
85) Di-n-octyl phthalate	14.633	149	708492	49.100	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	697911	49.060	ng	98
88) Benzo(b)fluoranthene	15.104	252	679909	49.589	ng	98
89) Benzo(k)fluoranthene	15.133	252	590108	49.183	ng	99
90) Benzo(a)pyrene	15.480	252	588243	52.766	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	572492	49.140	ng	100
92) Benzo(g,h,i)perylene	17.521	276	530532	44.626	ng	98

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

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