Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140786.D
Acq On : 09 Dec 2024 13:39
Operator : RC/JU
Sample : PB165432BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165432BSD

Quant Time: Dec 09 14:59:56 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	73193	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	278673	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	158385	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	302865	20.000	ng		0.00
76) Chrysene-d12	14.051	240	197310	20.000	ng		0.00
86) Perylene-d12	15.551	264	144540	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	623767	145.407	ng		0.01
7) Phenol-d6	6.510	99	802923	141.579	ng		0.00
23) Nitrobenzene-d5	7.428	82	519064	95.274	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	253798	149.827	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1024485	96.374	ng		-0.01
79) Terphenyl-d14	12.980	244	1218192	96.137	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	78139	43.323	ng		98
3) Pyridine	3.487	79	190763	48.070	ng		99
4) n-Nitrosodimethylamine	3.440	42	107532	46.104	ng	#	94
6) Aniline	6.528	93	194197	48.650	ng	#	53
8) 2-Chlorophenol	6.657	128	235114	50.944	ng		95
9) Benzaldehyde	6.416	77	40994	13.654	ng		99
10) Phenol	6.528	94	295560	51.031	ng		96
11) bis(2-Chloroethyl)ether	6.598	93	223863	50.511	ng		100
12) 1,3-Dichlorobenzene	6.804	146	246713	47.574	ng		98
13) 1,4-Dichlorobenzene	6.881	146	250186	47.647	ng		99
14) 1,2-Dichlorobenzene	7.034	146	236430	48.053	ng		99
15) Benzyl Alcohol	7.010	79	209580	49.832	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	260162	49.688	ng		66
17) 2-Methylphenol	7.128	107	184673	49.987	ng		95
18) Hexachloroethane	7.369	117	92589	47.212	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	166492	49.674	ng		98
20) 3+4-Methylphenols	7.281	107	244226	51.431	ng	#	89
22) Acetophenone	7.275	105	327281	48.173	ng		95
24) Nitrobenzene	7.451	77	256807	45.608	ng		97
25) Isophorone	7.687	82	449222	49.435	ng		99
26) 2-Nitrophenol	7.763	139	125348	50.233	ng		98
27) 2,4-Dimethylphenol	7.804	122	186395m	62.431	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	271159	48.982	ng		100
29) 2,4-Dichlorophenol	8.016	162	199255	50.366	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	208911	46.250	ng		99
31) Naphthalene	8.169	128	686681	47.839	ng		99
32) Benzoic acid	7.951	122	105154	41.601	ng		97
33) 4-Chloroaniline	8.222	127	105000	24.432	ng		99
34) Hexachlorobutadiene	8.275	225	136222	45.531	ng		99
35) Caprolactam	8.592	113	63367m	51.758	ng		
36) 4-Chloro-3-methylphenol	8.716	107	219110	49.467	ng		99
37) 2-Methylnaphthalene	8.857	142	455202	49.928	ng		99
38) 1-Methylnaphthalene	8.957	142	419555	46.948	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	222560	47.999	ng		99
41) Hexachlorocyclopentadiene	9.004	237	137226	126.956	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	138517	47.609	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	149574	47.369	ng	96
46) 1,1'-Biphenyl	9.322	154	568594	48.083	ng	100
47) 2-Chloronaphthalene	9.351	162	423681	47.285	ng	98
48) 2-Nitroaniline	9.451	65	139377	48.461	ng	98
49) Acenaphthylene	9.769	152	703593	51.971	ng	100
50) Dimethylphthalate	9.622	163	520609	49.909	ng	100
51) 2,6-Dinitrotoluene	9.692	165	112671	47.626	ng	98
52) Acenaphthene	9.939	154	420591	48.894	ng	99
53) 3-Nitroaniline	9.869	138	72049	31.139	ng	93
54) 2,4-Dinitrophenol	9.986	184	116967	93.953	ng	93
55) Dibenzofuran	10.110	168	645934	49.229	ng	99
56) 4-Nitrophenol	10.051	139	139857	88.629	ng	96
57) 2,4-Dinitrotoluene	10.104	165	153539	48.834	ng	96
58) Fluorene	10.457	166	523114	49.670	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134235	55.314	ng	89
60) Diethylphthalate	10.322	149	520400	49.103	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	255055	49.348	ng	95
62) 4-Nitroaniline	10.486	138	119420	49.210	ng	96
63) Azobenzene	10.604	77	493413	49.162	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	86658	55.993	ng	97
66) n-Nitrosodiphenylamine	10.563	169	453637	50.649	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	153198	49.117	ng	97
68) Hexachlorobenzene	11.004	284	169419	46.910	ng	97
69) Atrazine	11.092	200	143894	57.109	ng	99
70) Pentachlorophenol	11.210	266	134911	84.875	ng	99
71) Phenanthrene	11.422	178	742937	51.031	ng	99
72) Anthracene	11.475	178	761784	53.493	ng	99
73) Carbazole	11.633	167	700466	51.129	ng	100
74) Di-n-butylphthalate	11.951	149	793652	50.179	ng	99
75) Fluoranthene	12.616	202	827253	52.336	ng	99
77) Benzidine	12.739	184	205459	35.815	ng	99
78) Pyrene	12.845	202	852967	46.754	ng	100
80) Butylbenzylphthalate	13.451	149	311497	47.397	ng	99
81) Benzo(a)anthracene	14.039	228	678137	51.920	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	136310	34.760	ng	99
83) Chrysene	14.074	228	607079	50.832	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	369429	44.517	ng	99
85) Di-n-octyl phthalate	14.633	149	478863	42.223	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	475316	50.461	ng	99
88) Benzo(b)fluoranthene	15.110	252	452228	49.812	ng	99
89) Benzo(k)fluoranthene	15.139	252	460344	57.944	ng	99
90) Benzo(a)pyrene	15.486	252	409471	55.471	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	386012	50.039	ng	99
92) Benzo(g,h,i)perylene	17.527	276	371662	47.214	ng	98

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

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